

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	60	1
STA. 92+68.50		TO STA. 142+60.00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 83975

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID PROJECT**

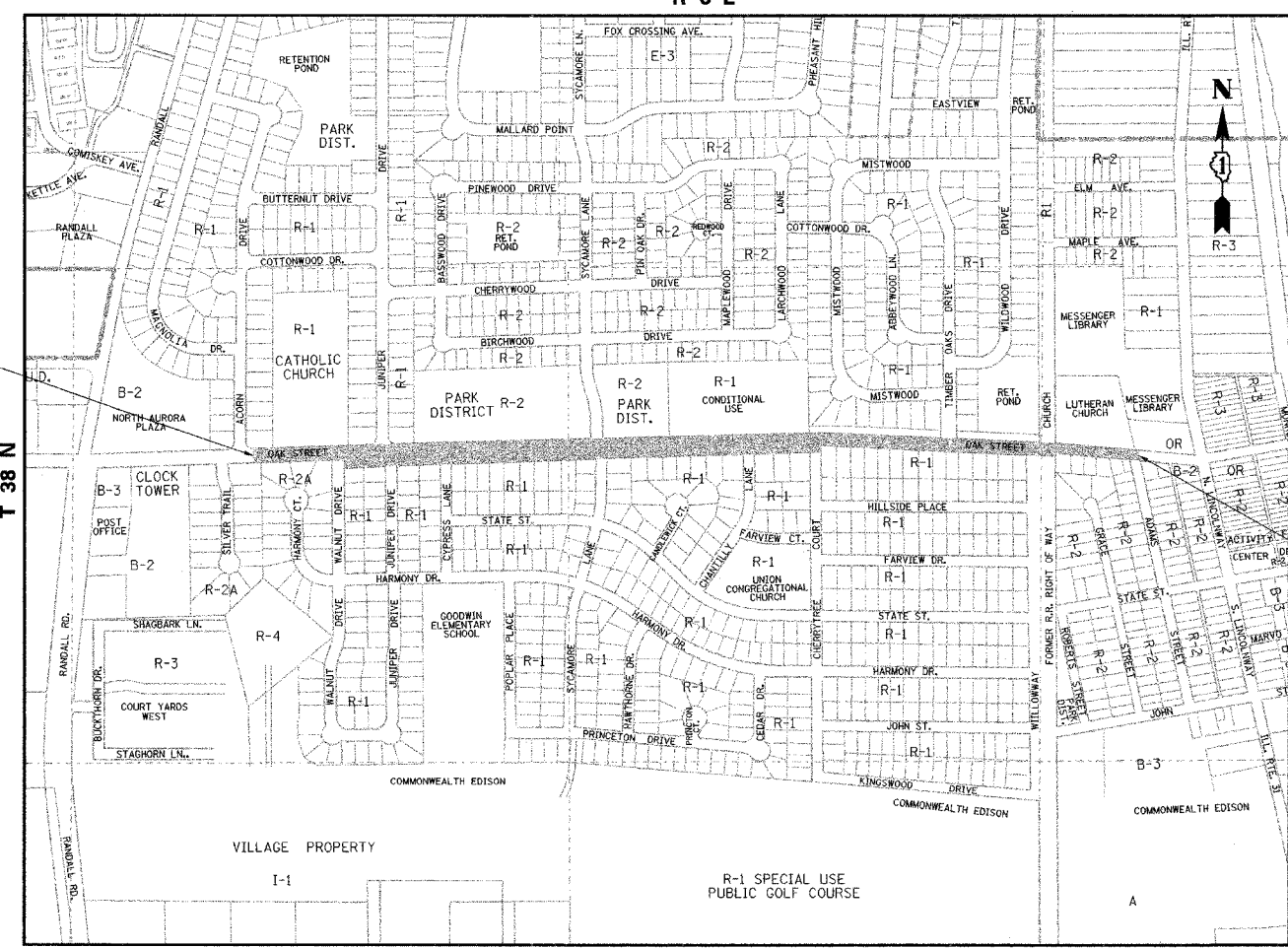
**OAK STREET (FAU ROUTE 1482)
FROM RANDALL ROAD TO IL ROUTE 31
ROADWAY WIDENING, RESURFACING AND RECONSTRUCTION
PROJECT NO: M-8003(756)
SECTION 04-00046-00-WR
KANE COUNTY
C-91-156-07**

FOR INDEX OF SHEETS, SEE SHEET 2

PROJECT LOCATED IN THE VILLAGE OF NORTH AURORA



LOCATION OF SECTION INDICATED THIS: — ■ —



AURORA TOWNSHIP
LOCATION MAP
NO SCALE

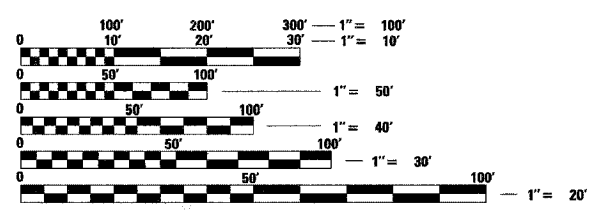
GROSS LENGTH OF IMPROVEMENT: 4991.5 LF = 0.95 MILES
NET LENGTH OF IMPROVEMENT: 4991.5 LF = 0.95 MILES

DATE	BY	REVISIONS	CHECKED	CHECKED
		PREPARED	NOTED	NOTED
		FLIPPED	NOTED	NOTED
		ALIGNED	NOTED	NOTED
		FILED	NOTED	NOTED

DATE	BY	REVISIONS	CHECKED	CHECKED
		PREPARED	NOTED	NOTED
		FLIPPED	NOTED	NOTED
		ALIGNED	NOTED	NOTED
		FILED	NOTED	NOTED

IDOT ASSOCIATE FIELD ENGINEER: JESSICA FELICIANO (847)705-4487

TRAFFIC DATA
ADT (2030) = 17,000
POSTED SPEED LIMIT = 35 MPH
DESIGN SPEED = 40 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 83975

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: *JEF* 8/27/07
Village Board President

Passed: SEPTEMBER 13, 2007
CHM CHRISTOPHER HOCT
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: Sept. 13, 2007
Brian O'Keefe
Deputy Director of Highways, Region 1 Engineer

James E. Sparber 8/27/07
JAMES E. SPARBER
62-051640
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
ILLINOIS REGISTERED PROFESSIONAL ENGINEER
NO. 062-051640 EXPIRES 11-30-07

REMPE-SHARPE
CONSULTING ENGINEERS
IL P.D.F. LICENSE NO. 184-000896
324 WEST STATE STREET - GENEVA, ILLINOIS 60134
Telephone (830) 232-0827 - Fax (830) 232-1629

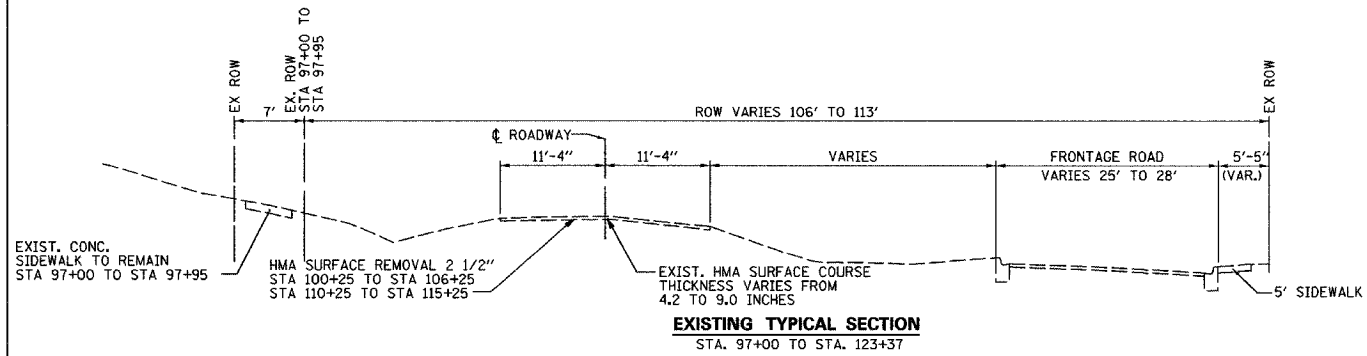
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STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

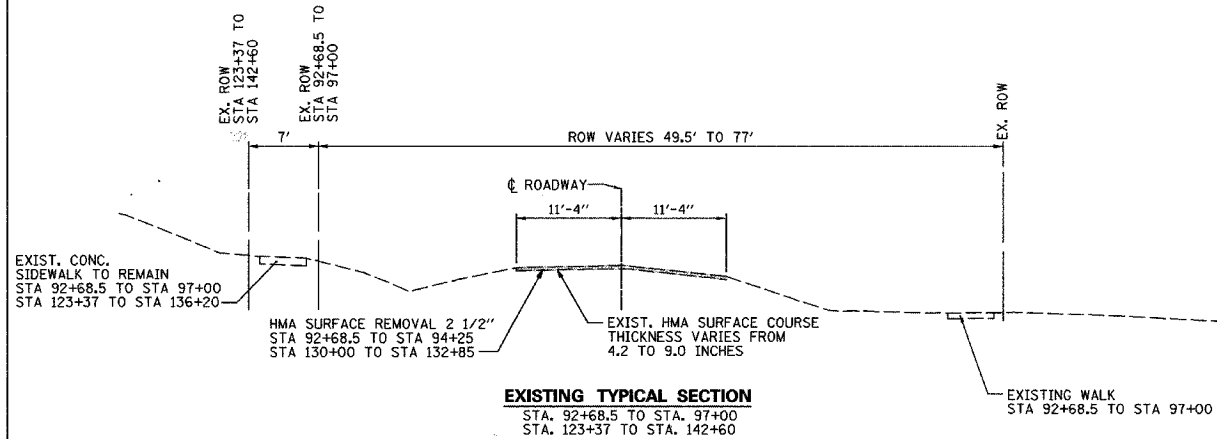
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DATE	BY

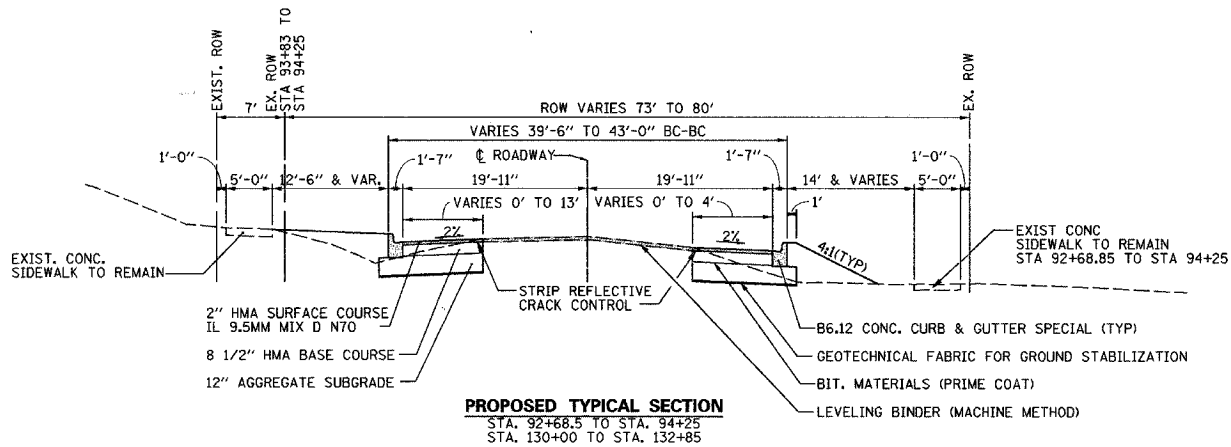
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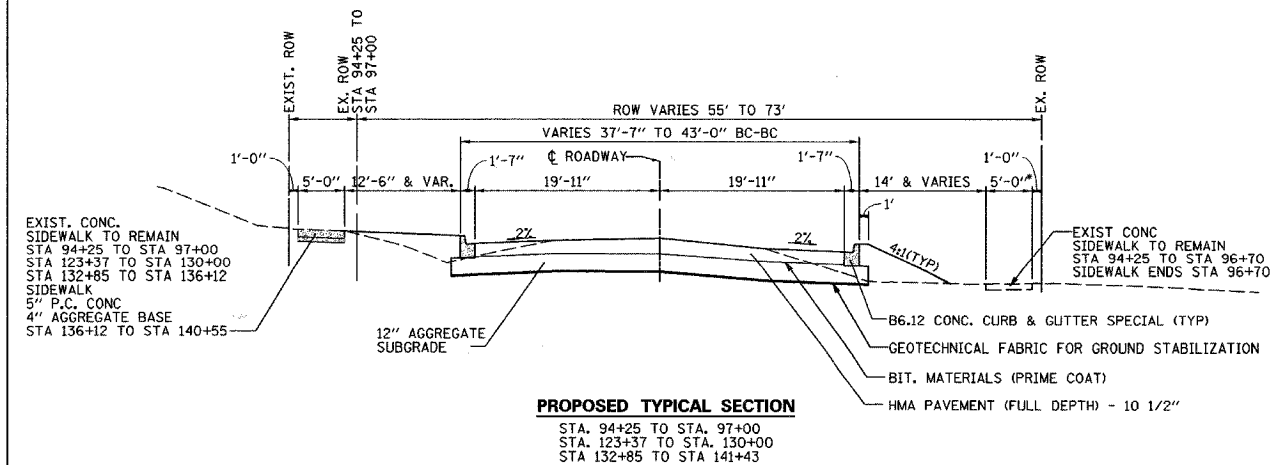
EXISTING TYPICAL SECTION
 STA. 97+00 TO STA. 123+37



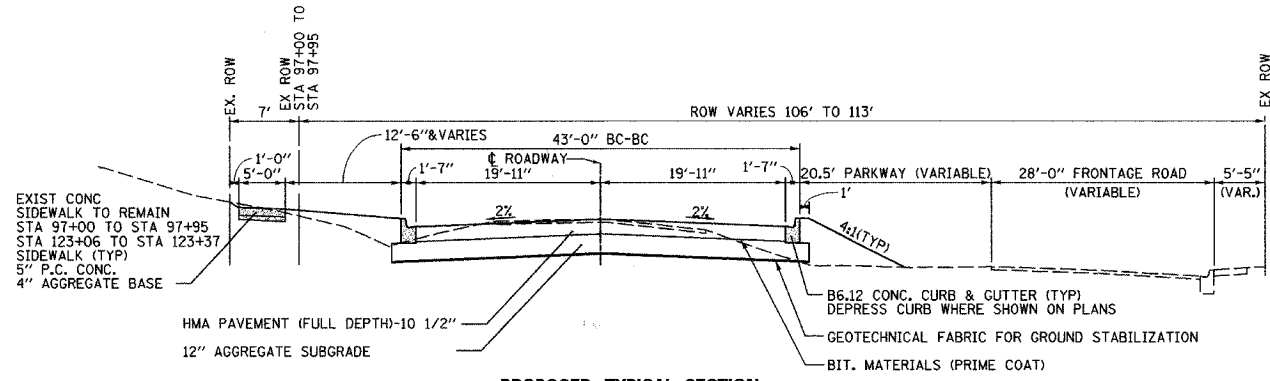
EXISTING TYPICAL SECTION
 STA. 92+68.5 TO STA. 97+00
 STA. 123+37 TO STA. 142+60



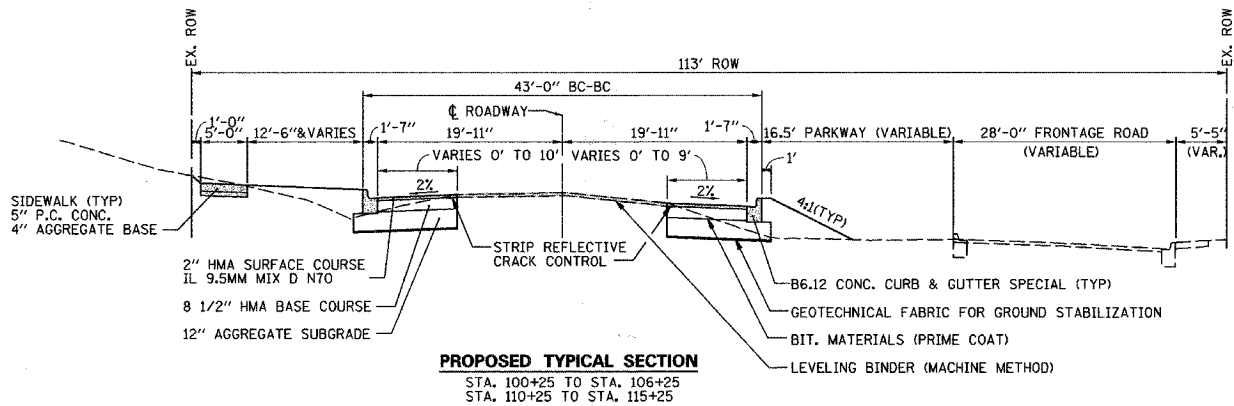
PROPOSED TYPICAL SECTION
 STA. 92+68.5 TO STA. 94+25
 STA. 130+00 TO STA. 132+85



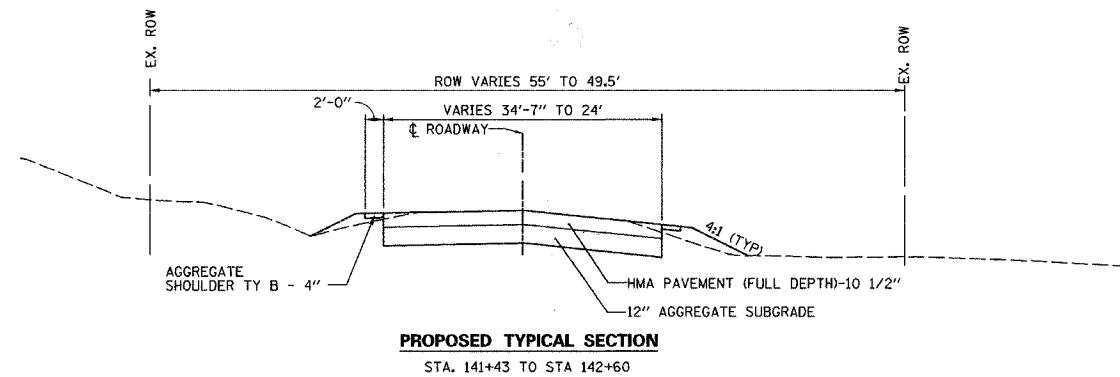
PROPOSED TYPICAL SECTION
 STA. 94+25 TO STA. 97+00
 STA. 123+37 TO STA. 130+00
 STA. 132+85 TO STA. 141+43



PROPOSED TYPICAL SECTION
 STA. 97+00 TO STA. 100+25
 STA. 106+25 TO STA. 110+25
 STA. 115+25 TO STA. 123+37



PROPOSED TYPICAL SECTION
 STA. 100+25 TO STA. 106+25
 STA. 110+25 TO STA. 115+25



PROPOSED TYPICAL SECTION
 STA. 141+43 TO STA. 142+60

HOT MIX ASPHALT MIXTURE REQUIREMENT

MIXTURE TYPE	AC TYPE	VOIDS
FULL DEPTH PAVEMENT, 10 1/2"		
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8 1/2"	PG 64-22*	4% @ 70 GYR
PAVEMENT RESURFACING		
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70; 3/4"	PG 64-22*	4% @ 70 GYR
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70** (MIN THICKNESS 2 1/4")	PG 64-22*	4% @ 70 GYR
PAVEMENT WIDENING		
HMA BASE COURSE, (HMA BINDER IL-19 mm); 8 1/2"	PG 64-22*	4% @ 50 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 8"	PG 64-22*	4% @ 70 GYR
DRIVEWAYS		
HMA SURFACE COURSE, MIX C, N50 (IL 9.5 mm); 2"	PG 64-22*	4% @ 50 GYR
HMA BASE COURSE, (HMA BINDER IL-19 mm); 2 1/4"	PG 64-22*	4% @ 50 GYR

TYPICAL SECTIONS

SCALE: VERT. NONE DRAWN BY: GR
 HORIZ. NONE DATE: MAY 2007

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD-IN
 *WHEN RAP EXCEEDS 20%, THE ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
 **USED INSTEAD OF LEVELING BINDER WHEN THE TOTAL RESURFACING THICKNESS IS GREATER THAN OR EQUAL TO 3 3/4"

EARTH EXCAVATION

Table with columns: STATION, END AREA (SF) CUT, END AREA (SF) FILL, SUM OF END AREA (SF) CUT, SUM OF END AREA (SF) FILL, DISTANCE (FT), SECTION VOLUMES (CY) CUT, SECTION VOLUMES (CY) FILL. Rows range from 93+00.00 to 135+00.00.

EARTH EXCAVATION - CONTINUED

Table with columns: STATION, END AREA (SF) CUT, END AREA (SF) FILL, SUM OF END AREA (SF) CUT, SUM OF END AREA (SF) FILL, DISTANCE (FT), SECTION VOLUMES (CY) CUT, SECTION VOLUMES (CY) FILL. Rows range from 135+00.00 to 142+50.00.

Sub-total 15009 1917

DETENTION BASIN EXCAVATION 2240 0

Total 17249 1917

EARTHWORK SUMMARY table with columns: LOCATION, EARTH EXCAVATION (CY), UNSUITABLE MATERIAL (TOPSOIL) (CY), STORM SEWER EXCAVATION (CY), EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (CY), EMBANKMENT (CY), UNSUITABLE OR UNSTABLE MATERIAL (UNDERCUT) (CY), EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CY). Rows include Sta 93+00 to 106+50, Sta 106+50 to 109+50, etc.

NOTE: A 15% SHRINKAGE FACTOR WAS USED.

COMBINATION CONC. CURB & GUTTER, B6.12 SPECIAL

Table with columns: FROM, TO, LENGTH (FT). Rows range from 92+68.61 to 141+15.40.

TOTAL 10158

Table with columns: F.A. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: D4-00046-00-WR, KANE, 60, 4.

HMA SURFACE REMOVAL, 2 1/2" table with columns: FROM, TO, AREA (SY). Rows include WALNUT DRIVE, CHERRY TREE CT.

BIT MATERIALS (TACK COAT) 795 GAL

DRIVEWAY PAVEMENT REMOVAL table with columns: STATION, AREA (SF), AREA (SY). Rows include 94+77.11, 116+85.77, etc.

TOTAL 856

COMBINATION CURB & GUTTER REMOVAL

Table with columns: FROM, TO, LENGTH (FT). Rows range from 93+42 to 141+16.

TOTAL 966

SIDEWALK REMOVAL table with columns: STATION, AREA (SF). Rows include 96+74, 97+25, etc.

TOTAL 941

DETECTABLE WARNINGS table with columns: STATION, AREA (SF). Rows include 96+79, 97+24, etc.

TOTAL 128

HMA DRIVEWAYS

Table with columns: STATION, AREA (SF), AREA (SY). Rows include 94+77.11, 116+85.77, etc.

TOTAL 501

HMA SURFACE COURSE, MIX C, N50, 2" 56 TON
HMA BASE COURSE, 2 1/4" 501 SY
AGGREGATE BASE COURSE, TY B, 6" 501 SY
BIT MATERIALS (PRIME COAT) 150 GAL

PCC DRIVEWAY PAVEMENT, 6" table with columns: STATION, AREA (SF), AREA (SY). Rows include 130+32.1, 131+10.8, etc.

TOTAL 252

AGGREGATE SUBGRADE 12"

Table with columns: FROM, TO, AREA (SY). Rows include 92+68, 94+25, etc.

TOTAL 21293

BIT MATERIAL (PRIME COAT) 6388 GAL

SCHEDULE OF QUANTITIES

DRAWN BY: GR
DATE: MAY 2007

PCC SIDEWALK, 5" table with columns: FROM, TO, AREA (SF). Rows include 96+75, 97+25, etc.

TOTAL 1644 SY

AGGREGATE BASE COURSE, TY B 4" (UNDER SIDEWALK)

PLAN REVIEWED, PLOTTED, ALIGNED, CHECKED, REVISIONS, DATE, BY

PROFILE REVIEWED, PLOTTED, GRADES CHECKED, STRUCTURE, NOTATION, DATE, BY

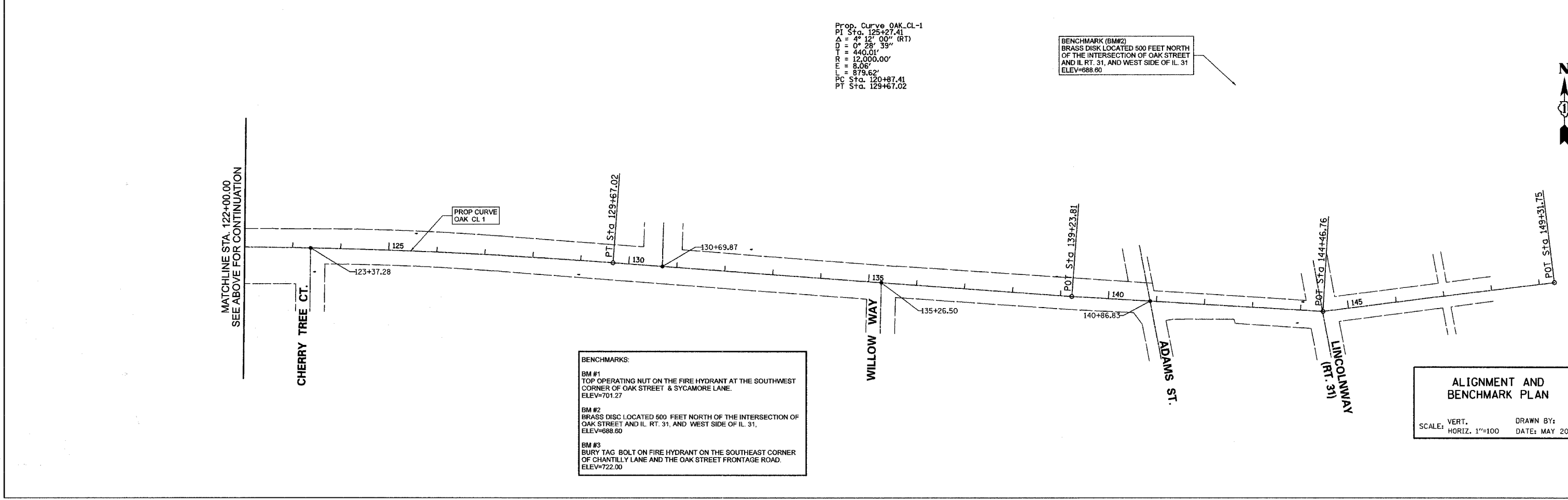
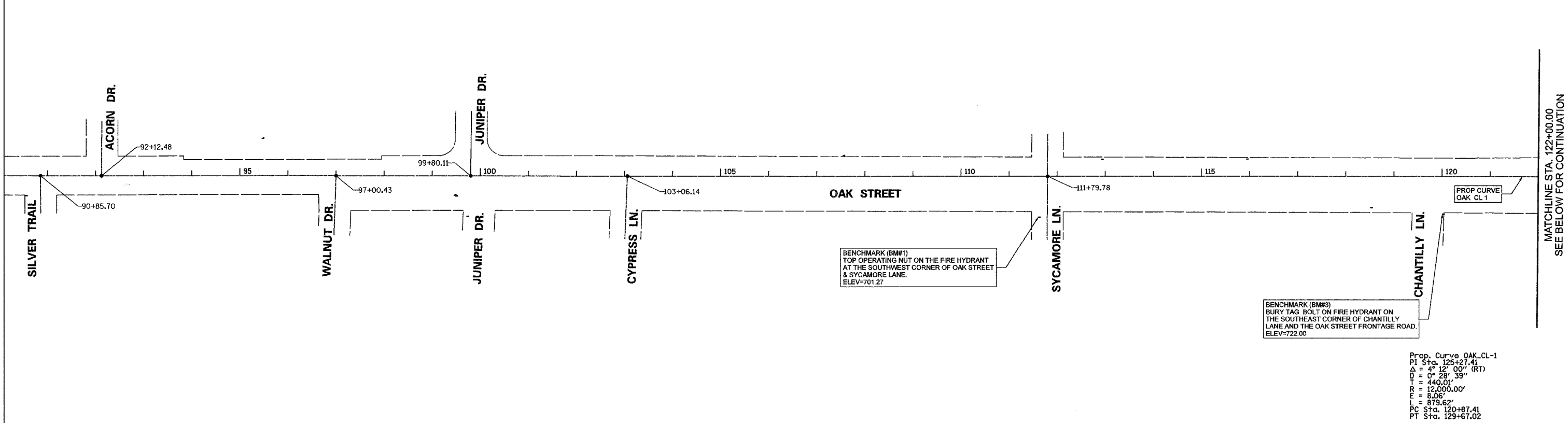
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D4-00046-00-WR		KANE	60	6
STA. 92+68.5		TO STA. 142+60		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
NO.	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY	
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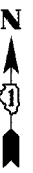
Prop. Curve OAK_CL-1
 PI Sta. 125+27.41
 $\Delta = 4^{\circ} 12' 00''$ (RT)
 $D = 0^{\circ} 28' 39''$
 $T = 440.01'$
 $R = 12,000.00'$
 $E = 8.06'$
 $L = 879.62'$
 PC Sta. 120+87.41
 PT Sta. 129+67.02

BENCHMARK (BM#2)
 BRASS DISK LOCATED 500 FEET NORTH
 OF THE INTERSECTION OF OAK STREET
 AND IL RT. 31, AND WEST SIDE OF IL 31
 ELEV=688.60

BENCHMARKS:
 BM #1
 TOP OPERATING NUT ON THE FIRE HYDRANT AT THE SOUTHWEST
 CORNER OF OAK STREET & SYCAMORE LANE.
 ELEV=701.27
 BM #2
 BRASS DISK LOCATED 500 FEET NORTH OF THE INTERSECTION OF
 OAK STREET AND IL RT. 31, AND WEST SIDE OF IL 31.
 ELEV=688.60
 BM #3
 BURY TAG BOLT ON FIRE HYDRANT ON THE SOUTHEAST CORNER
 OF CHANTILLY LANE AND THE OAK STREET FRONTAGE ROAD.
 ELEV=722.00

ALIGNMENT AND BENCHMARK PLAN
 SCALE: VERT. 1"=100'
 HORIZ. 1"=100'
 DRAWN BY:
 DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	60	7
STA. 92+68.5		TO STA. 96+40		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



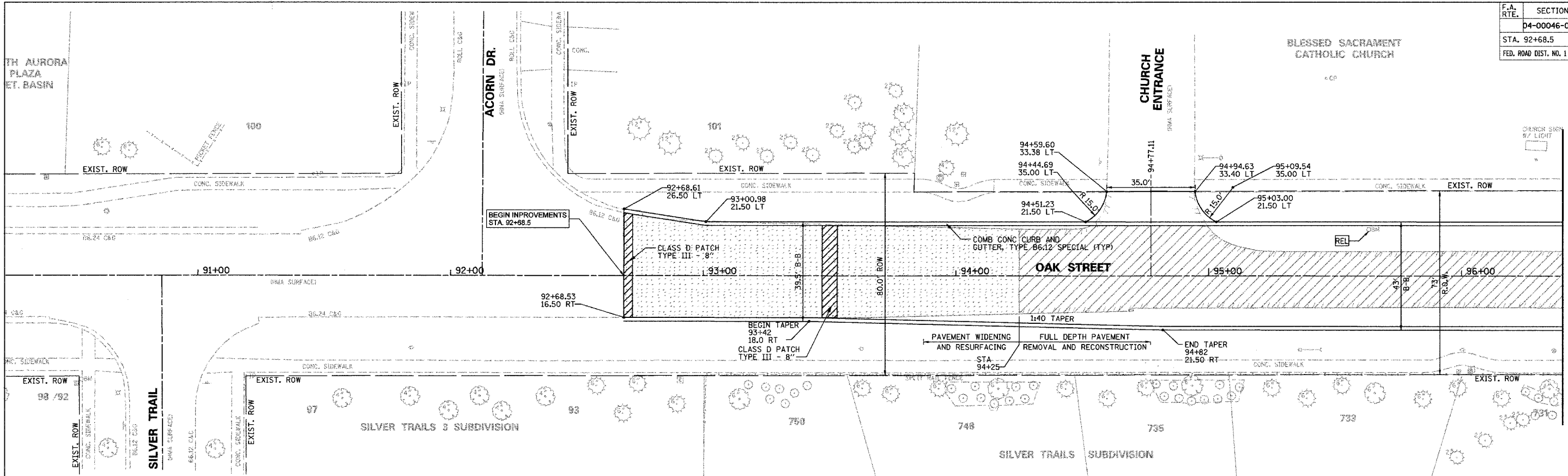
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SURVEYED ALIGNED CHECKED
 PLAN NOTE BOOK RT. OF WAY CHECKED
 NO. NO. NO.

DATE	BY

SURVEYED GRADES CHECKED
 PROFILE NOTE BOOK B.M. NOTED
 NO. NO. NO.

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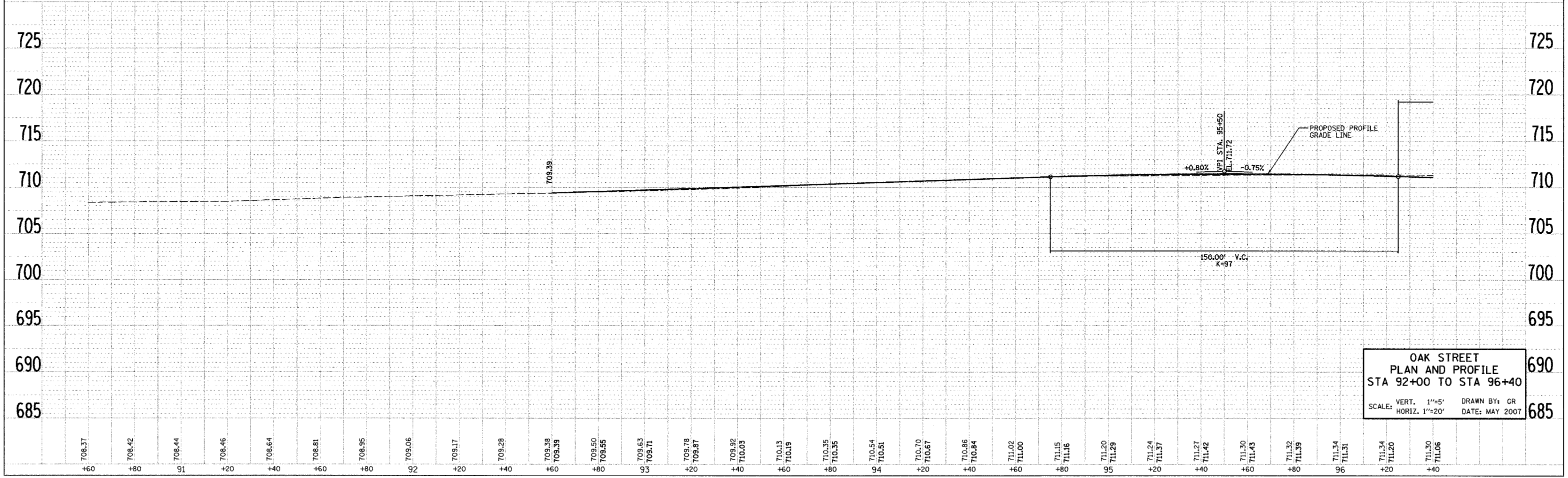
MATCHLINE STA. 96+40
SEE SHEET 8 FOR CONTINUATION

NOTES:

- SEE SHEET 31 FOR INTERSECTION DETAILS
- DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
- SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.

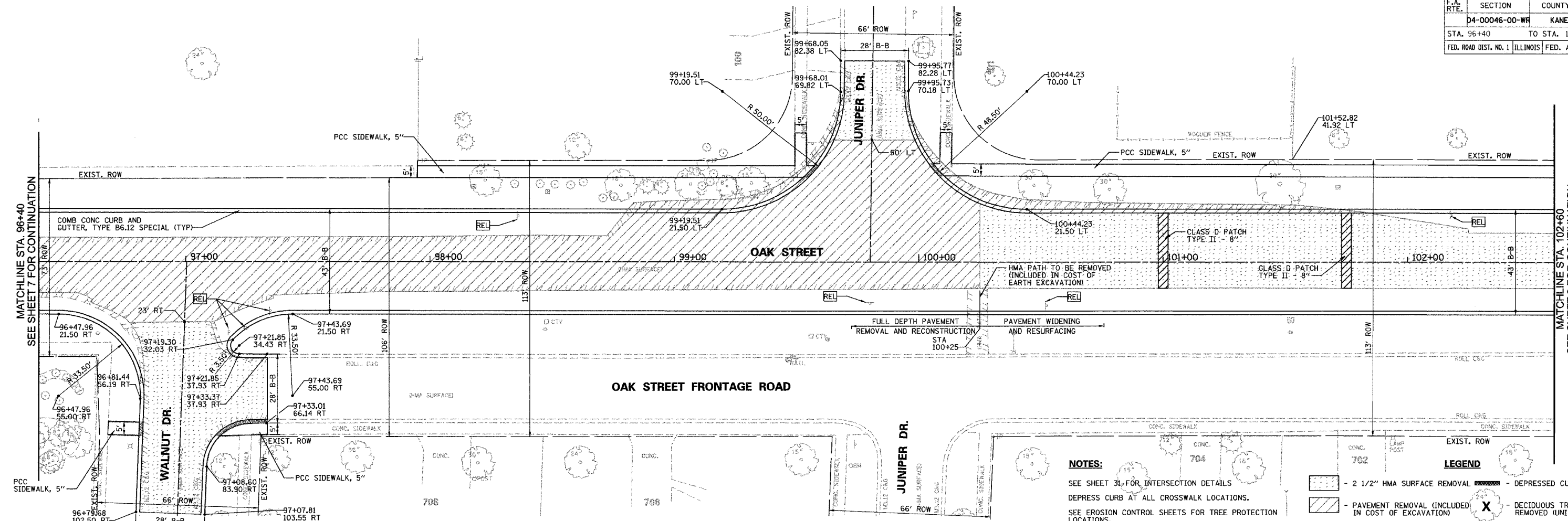
LEGEND

- 2 1/2" HMA SURFACE REMOVAL
- DEPRESSED CURB LOCATIONS
- PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
- DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)

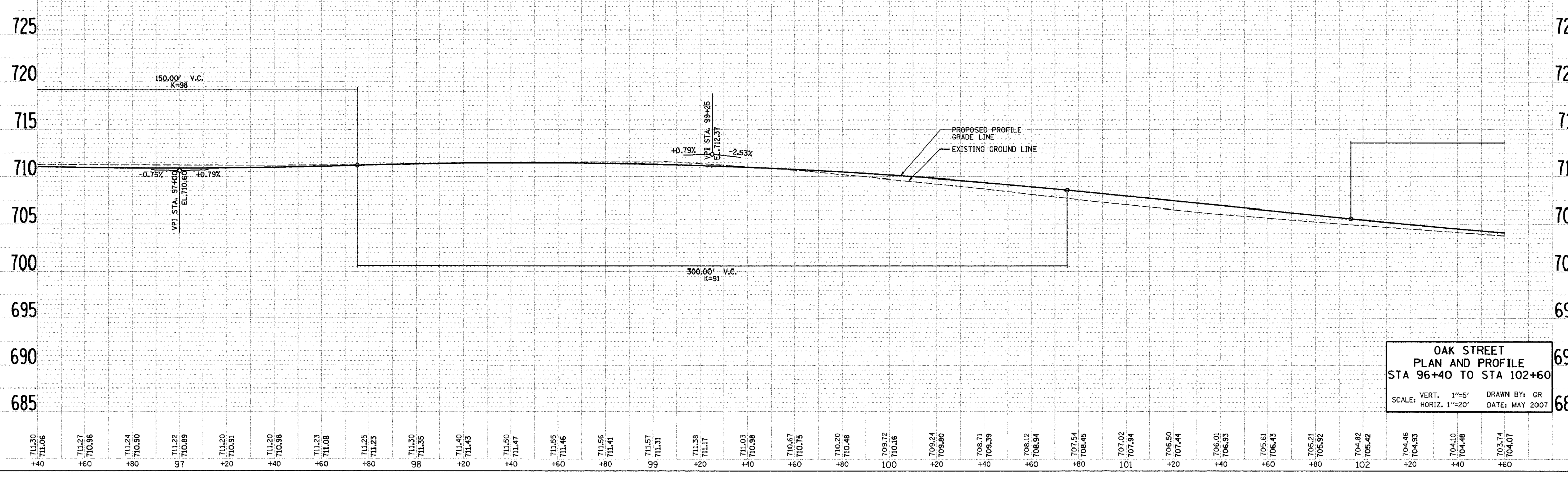


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 96+40		TO STA. 102+60		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

DATE	BY



DATE	BY



OAK STREET PLAN AND PROFILE
 STA 96+40 TO STA 102+60
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007

711.30	711.06	711.27	710.96	711.24	710.90	711.22	710.89	711.20	710.91	711.20	710.98	711.23	711.08	711.25	711.23	711.30	711.35	711.40	711.43	711.50	711.47	711.55	711.46	711.56	711.41	711.57	711.31	711.38	711.17	711.03	710.98	710.87	710.75	710.20	710.48	709.72	710.16	709.24	709.80	708.71	708.39	708.12	708.84	707.54	708.45	707.02	707.94	706.50	707.44	706.01	706.93	705.61	706.43	705.21	705.92	704.82	705.42	704.46	704.33	704.10	704.48	703.74	704.07											
+40		+60		+80		97		+20		+40		+60		+80		98		+20		+40		+60		+80		99		+20		+40		+60		+80		100		+20		+40		+60		+80		101		+20		+40		+60		+80		102		+20		+40		+60		+80		102		+20		+40		+60		+80

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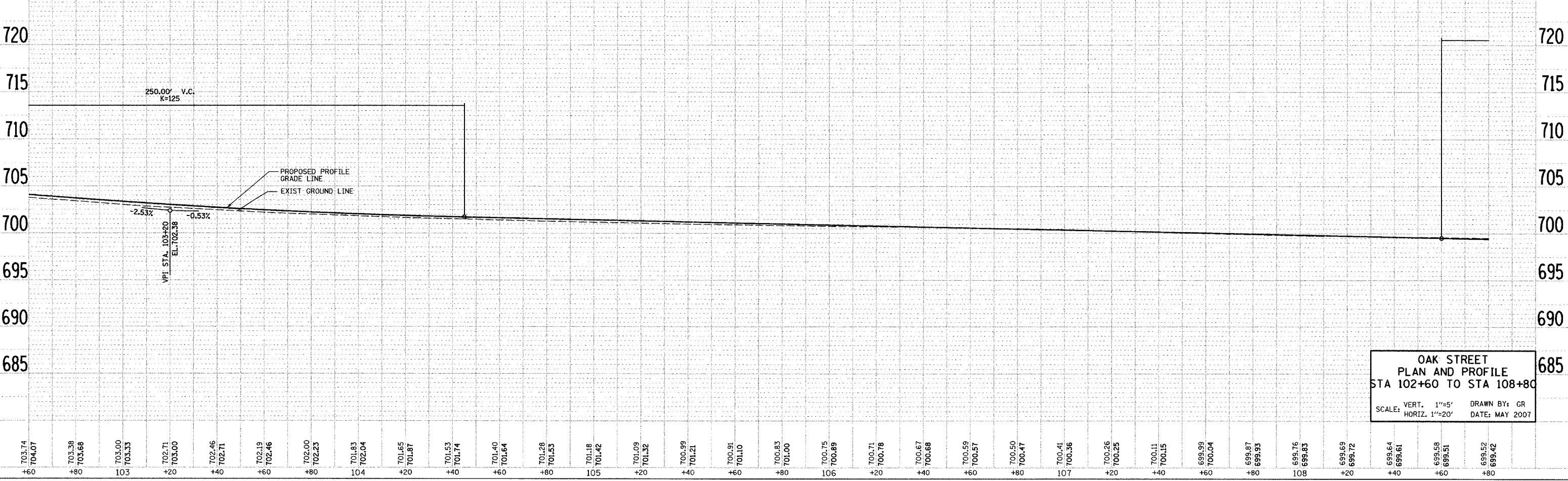
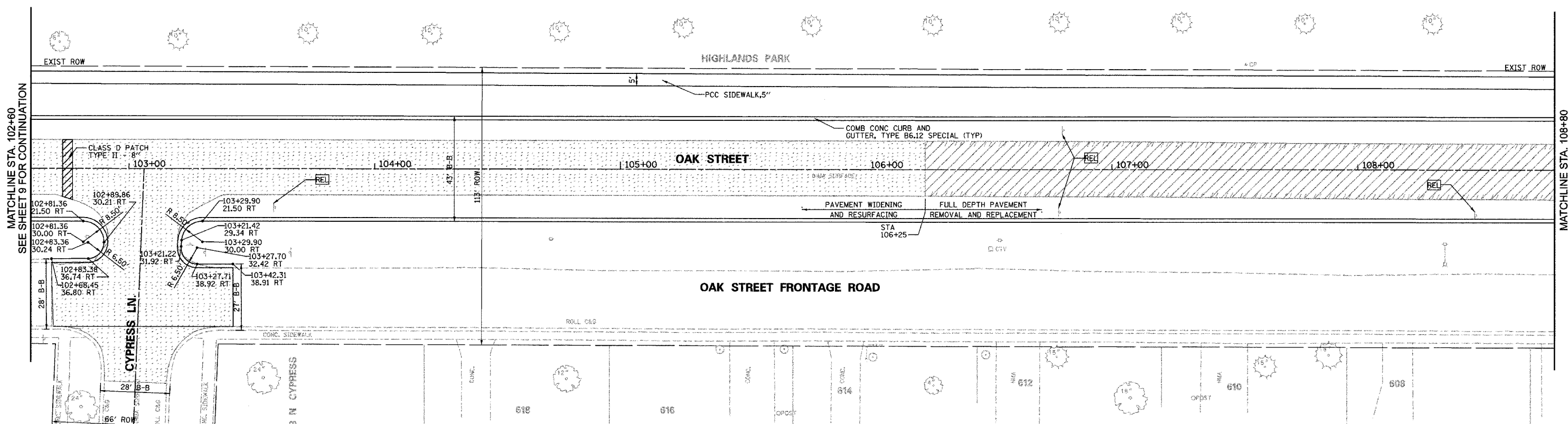
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D4-00046-00-WR		KANE	60	9
STA. 102+60		TO STA. 108+80		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

NOTES:

SEE SHEET 31 FOR INTERSECTION DETAILS
 DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
 SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.

LEGEND

- 2 1/2" HMA SURFACE REMOVAL
- PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
- DEPRESSED CURB LOCATIONS
- DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)



**OAK STREET
 PLAN AND PROFILE
 STA 102+60 TO STA 108+80**

SCALE: VERT. 1"=5' DRAWN BY: CR
 HORIZ. 1"=20' DATE: MAY 2007

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 DATE FILED: _____

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 PROFILE NO. _____
 NOTE BOOK NO. _____
 DATE FILED: _____

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-0046-00-WR		KANE	60	10
STA. 108+80		TO STA. 115+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

NOTES:

SEE SHEET 31 FOR INTERSECTION DETAILS
 DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
 SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.

LEGEND

- 2 1/2" HMA SURFACE REMOVAL
- DEPRESSED CURB LOCATIONS
- PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
- DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)

DATE: _____ BY: _____

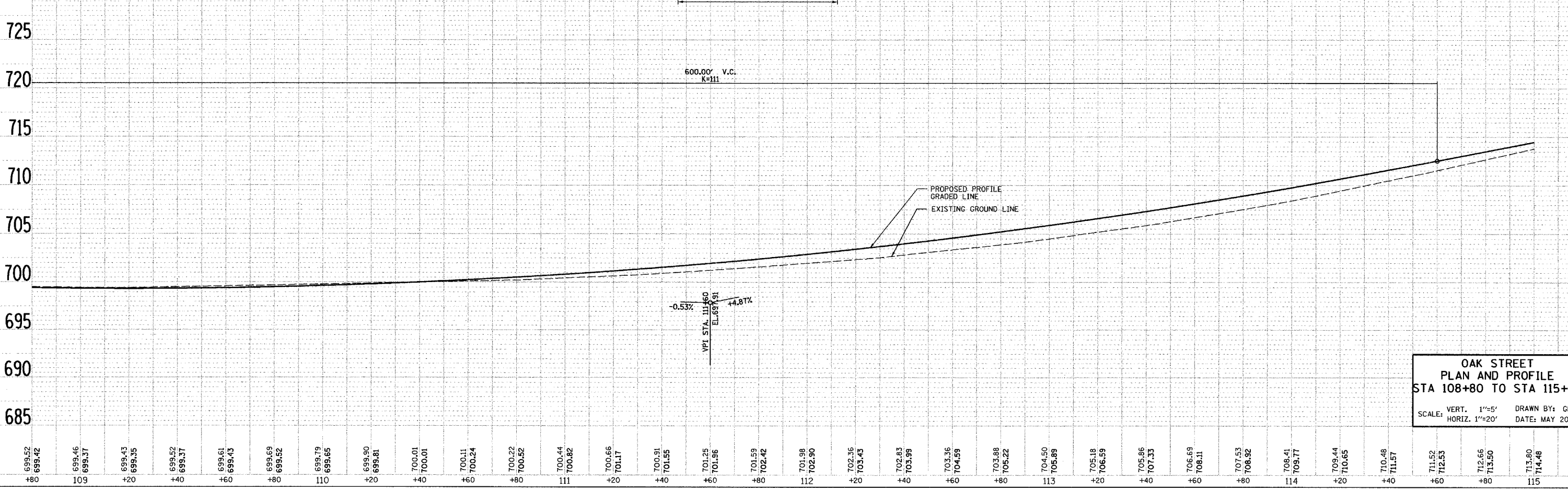
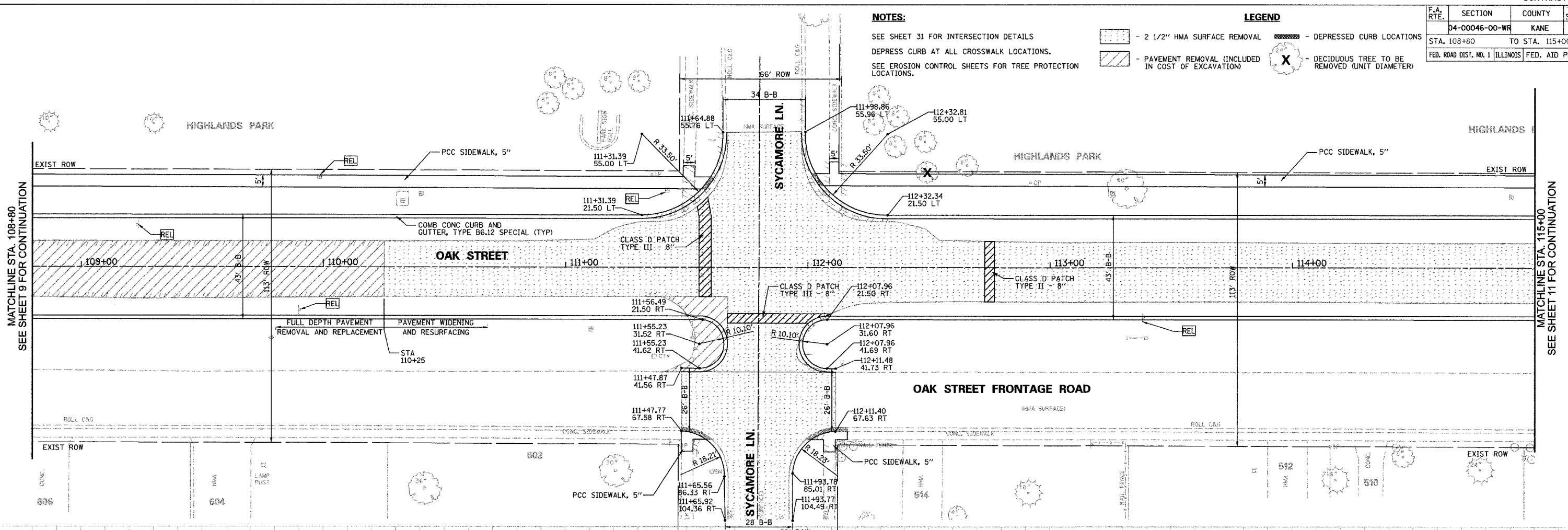
PLAN

SURVEYED: _____
 ALIGNMENT CHECKED: _____
 RT. OF WAY CHECKED: _____
 NOTE BOOK NO.: _____
 PLOTTING FILE NAME: _____

DATE: _____ BY: _____

PROFILE

SURVEYED: _____
 GRADES CHECKED: _____
 BLM. NOTED: _____
 STRUCTURE NOTATIONS: CHYS
 NOTE BOOK NO.: _____
 PLOTTING FILE NAME: _____



**OAK STREET
 PLAN AND PROFILE
 STA 108+80 TO STA 115+00**

SCALE: VERT. 1"=5'
 HORIZ. 1"=20'

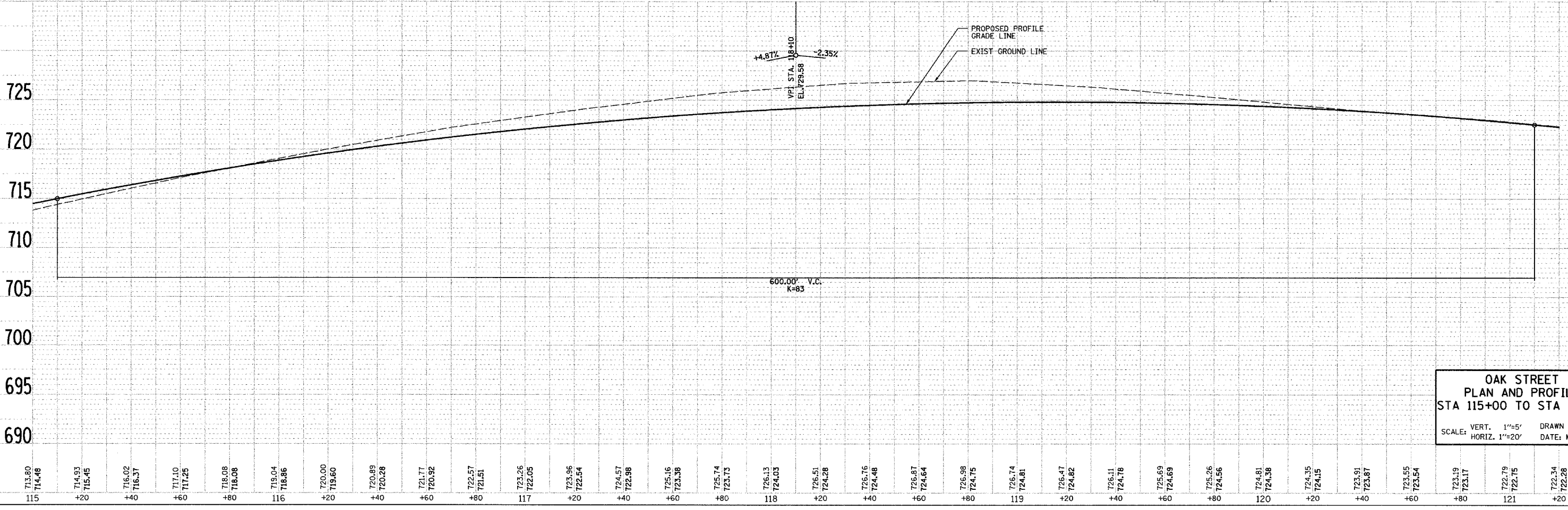
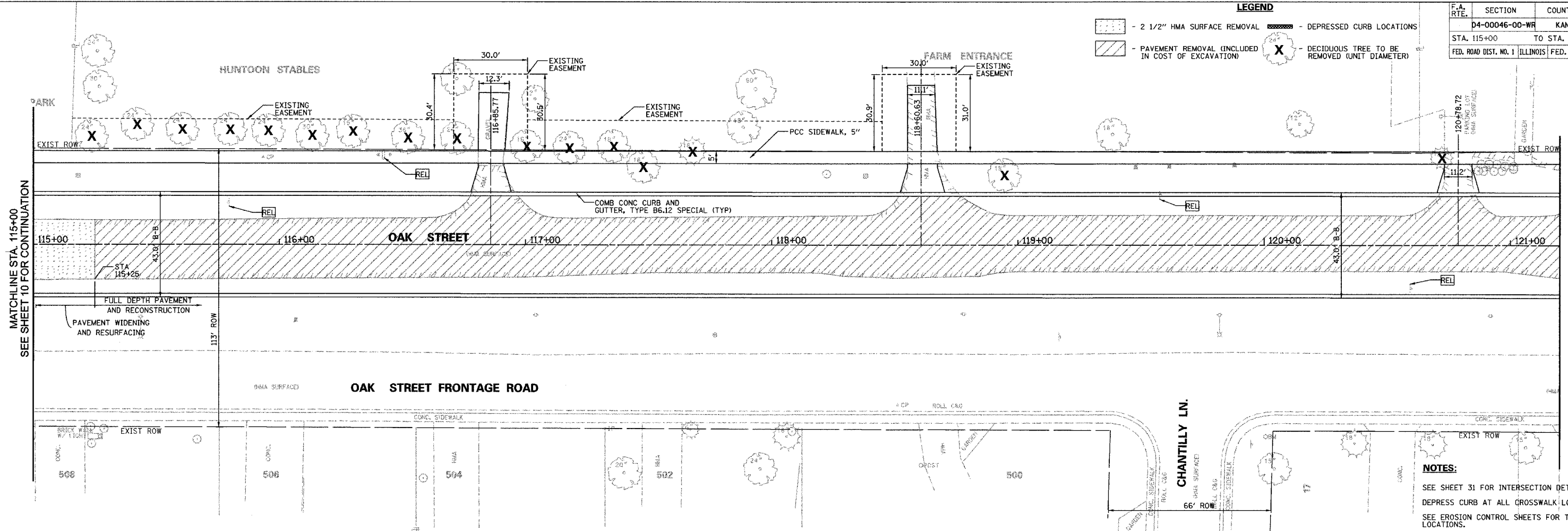
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	60	11
STA. 115+00		TO STA. 121+20		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

- 2 1/2" HMA SURFACE REMOVAL
- PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
- DEPRESSED CURB LOCATIONS
- DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)



**OAK STREET
PLAN AND PROFILE
STA 115+00 TO STA 121+20**
SCALE: VERT. 1"=5' HORIZ. 1"=20' DRAWN BY: GR DATE: MAY 2007

NOTES:
SEE SHEET 31 FOR INTERSECTION DETAILS
DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.

MATCHLINE STA. 115+00
SEE SHEET 10 FOR CONTINUATION

MATCHLINE STA. 121+20
SEE SHEET 12 FOR CONTINUATION

PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NOTE BOOK NO.		
FILE NAME		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
FILE NOTED		
STRUCTURE NOTATIONS		
NOTE BOOK NO.		
FILE NAME		

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USER NAME = USER.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WF	KANE	60	12	
STA. 121+20 TO STA. 127+40				
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	

PLAN

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	

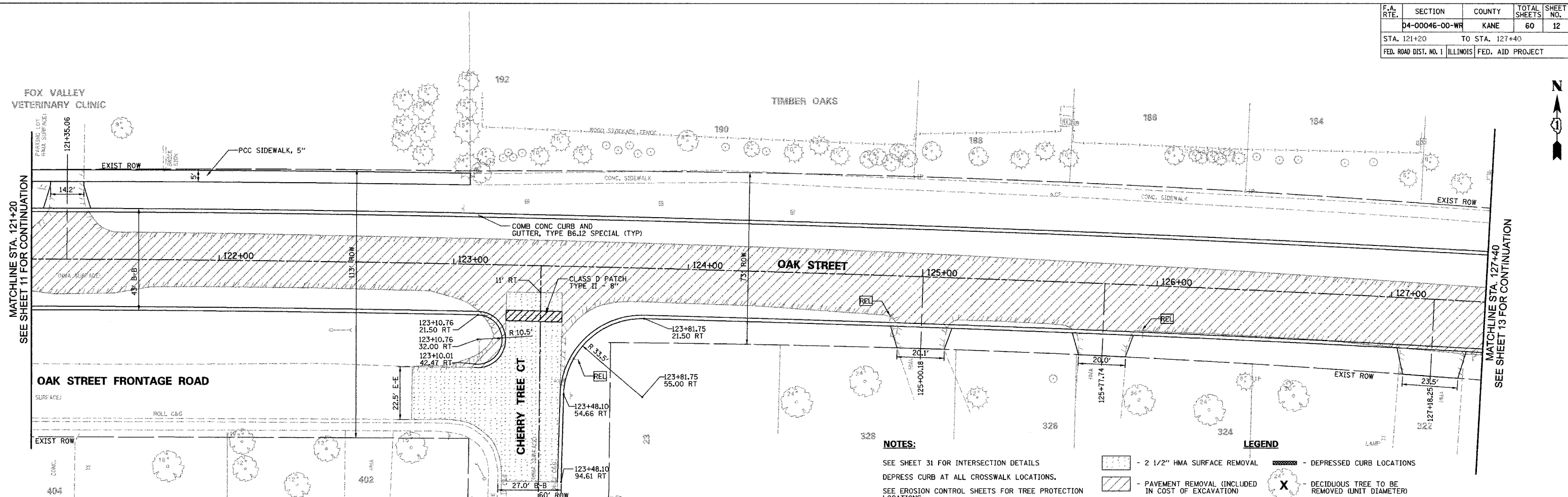
PLANNING CHECKED
ALIGNMENT CHECKED
R.O.P. OF WAY CHECKED
NO. FILE NAME

PROFILE

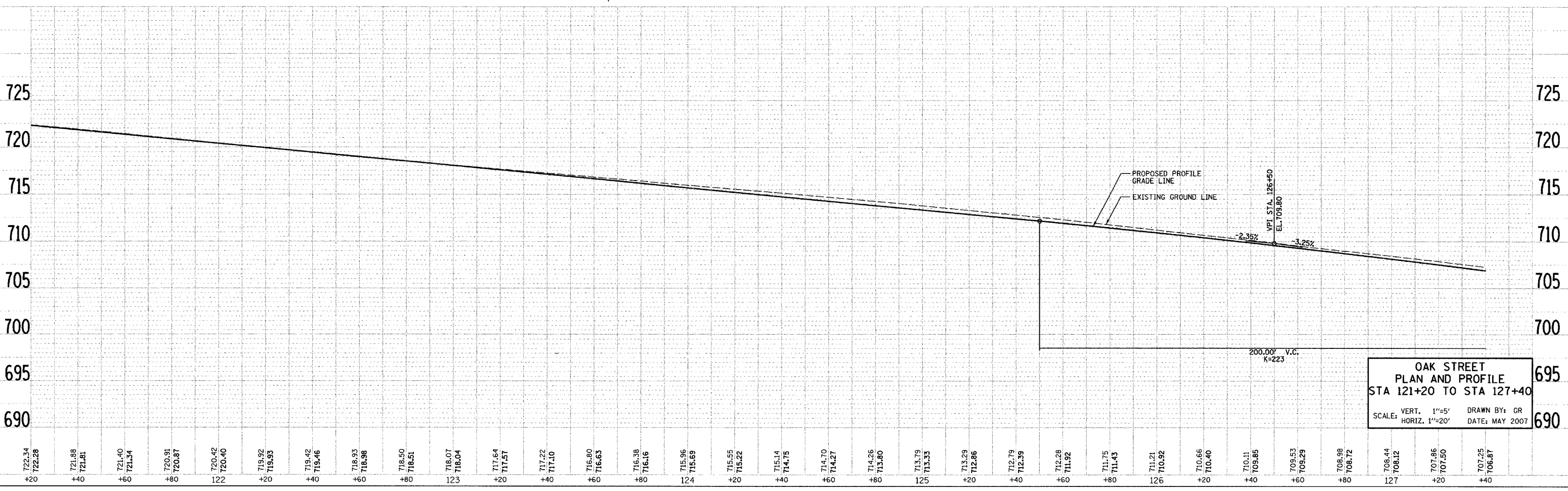
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E.M. NOTED
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PLOT SCALE = .JUSERL



- NOTES:**
SEE SHEET 31 FOR INTERSECTION DETAILS
DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.
- LEGEND**
 - 2 1/2" HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
 - DEPRESSED CURB LOCATIONS
 - DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)



**OAK STREET
PLAN AND PROFILE
STA 121+20 TO STA 127+40**

SCALE: VERT. 1"=5' DRAWN BY: GR
HORIZ. 1"=20' DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	60	13
STA. 127+40		TO STA. 133+60		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

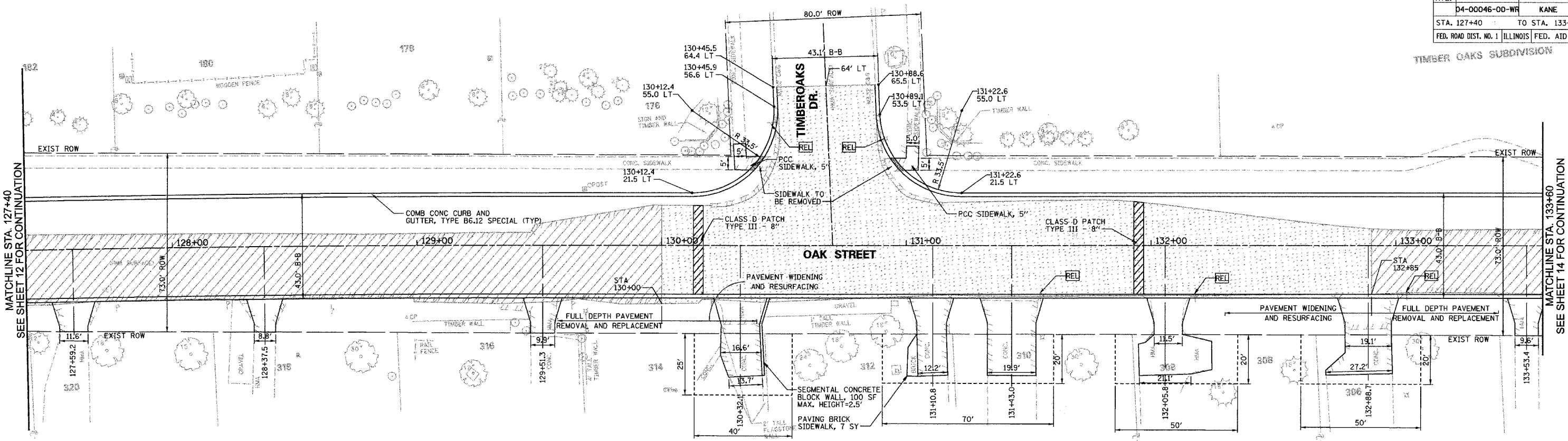
TIMBER OAKS SUBDIVISION



DATE	BY

DATE	BY

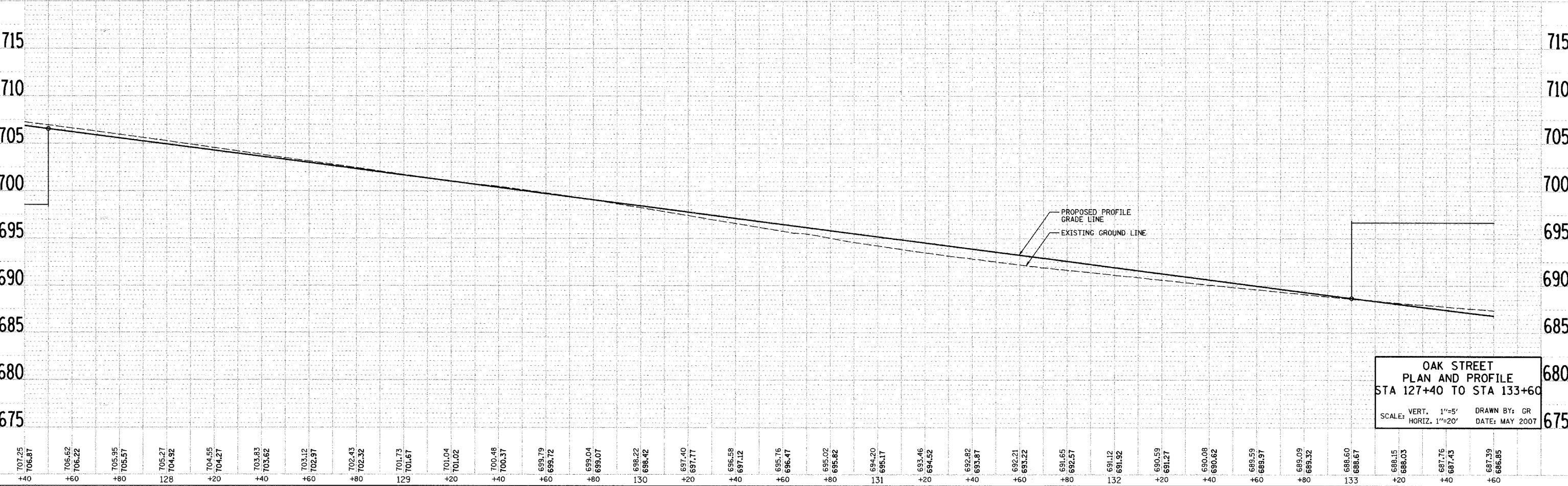
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 USER NAME = JBEFL



NOTES:
 SEE SHEET 32 FOR INTERSECTION DETAILS
 DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
 SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.

LEGEND

- 2 1/2" HMA SURFACE REMOVAL
- DEPRESSED CURB LOCATIONS
- PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
- DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)



**OAK STREET
 PLAN AND PROFILE
 STA 127+40 TO STA 133+60**

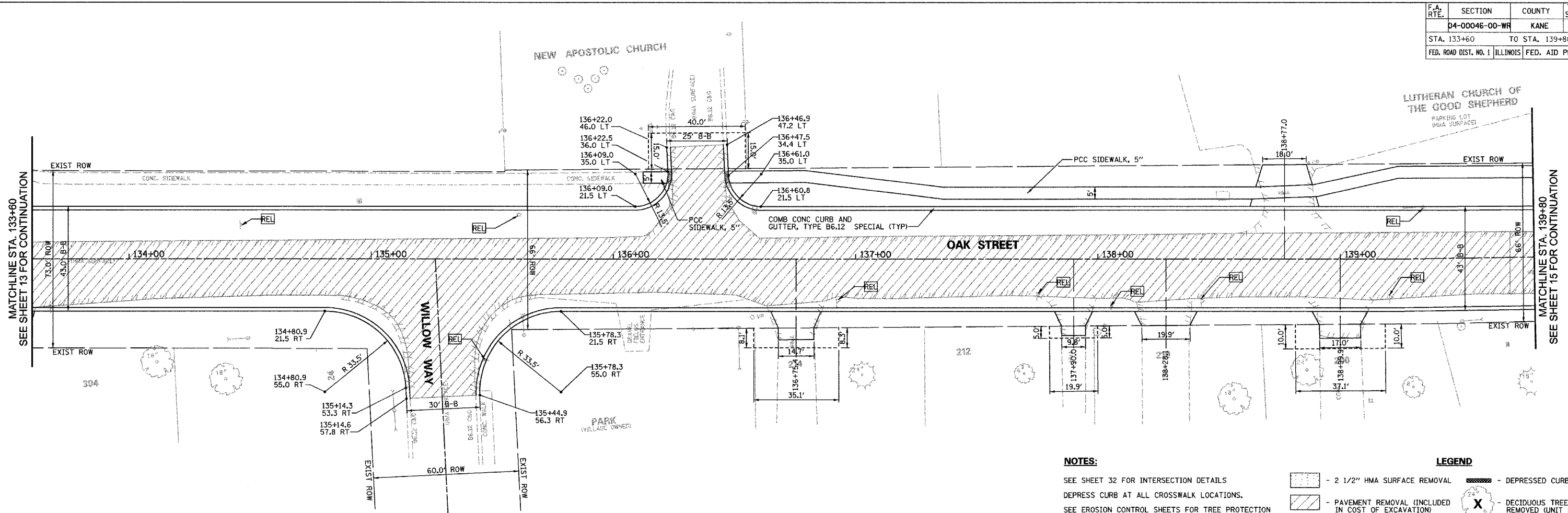
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 HORIZ. 1"=20' DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	60	14
STA. 133+60		TO STA. 139+80		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

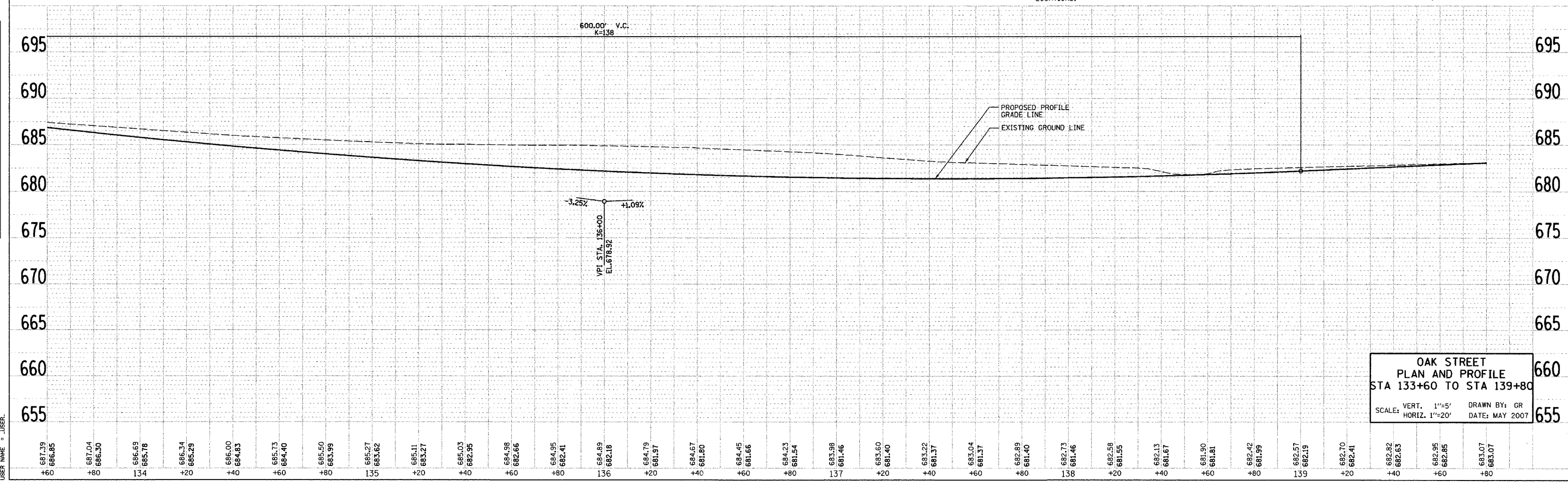
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- NOTES:**
- SEE SHEET 32 FOR INTERSECTION DETAILS
 - DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
 - SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.
- LEGEND**
- 2 1/2" HMA SURFACE REMOVAL
 - DEPRESSED CURB LOCATIONS
 - PAVEMENT REMOVAL (INCLUDED IN COST OF EXCAVATION)
 - DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)



**OAK STREET
 PLAN AND PROFILE
 STA 133+60 TO STA 139+80**

SCALE: VERT. 1"=5'
 HORIZ. 1"=20'

DRAWN BY: GR
 DATE: MAY 2007

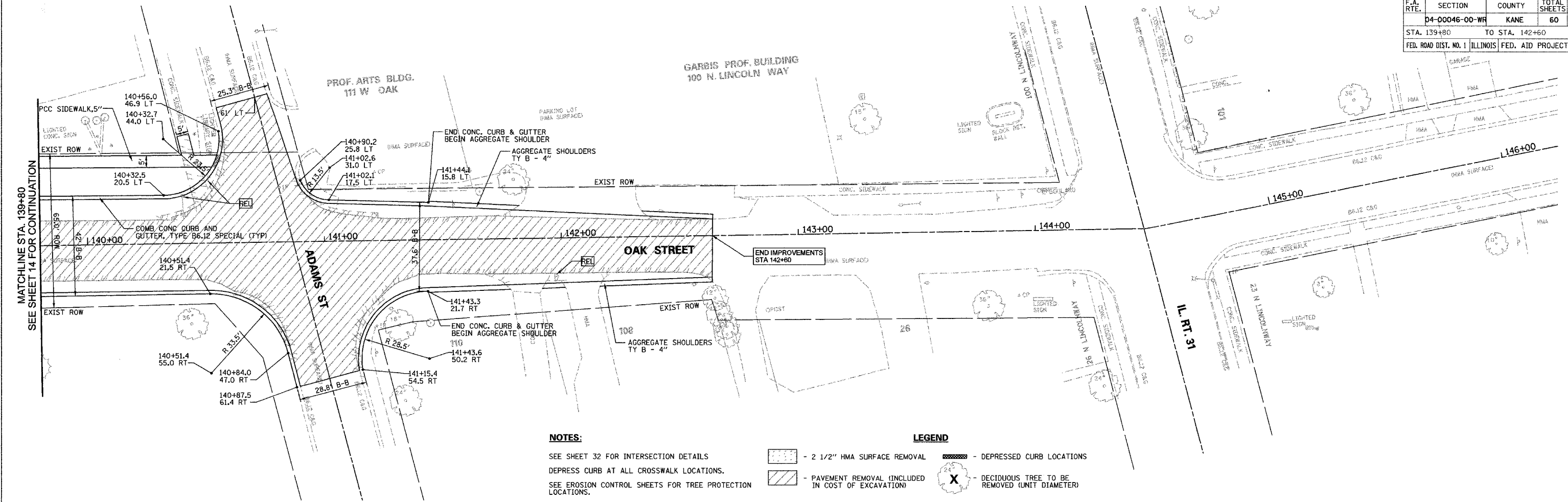
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	60	15
STA. 139+80		TO STA. 142+60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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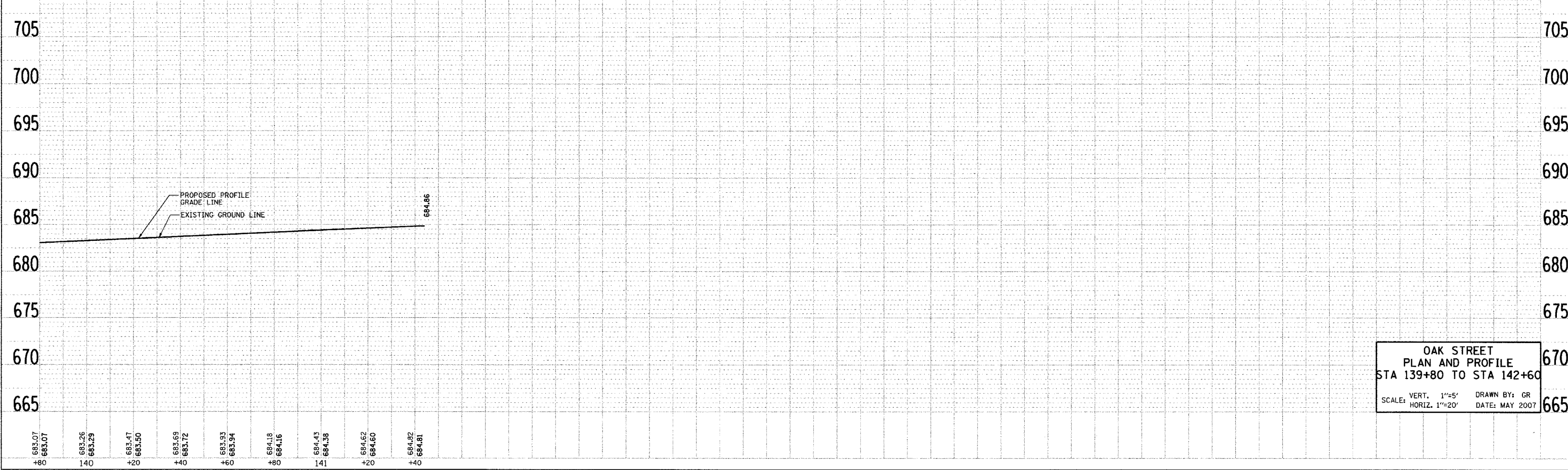
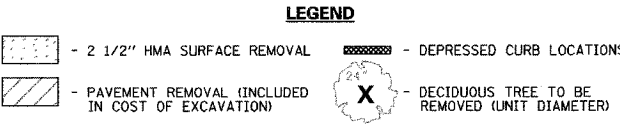
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NOTES:

SEE SHEET 32 FOR INTERSECTION DETAILS
 DEPRESS CURB AT ALL CROSSWALK LOCATIONS.
 SEE EROSION CONTROL SHEETS FOR TREE PROTECTION LOCATIONS.



**OAK STREET
 PLAN AND PROFILE
 STA 139+80 TO STA 142+60**

SCALE: VERT. 1"=5' HORIZ. 1"=20'

DRAWN BY: GR
 DATE: MAY 2007

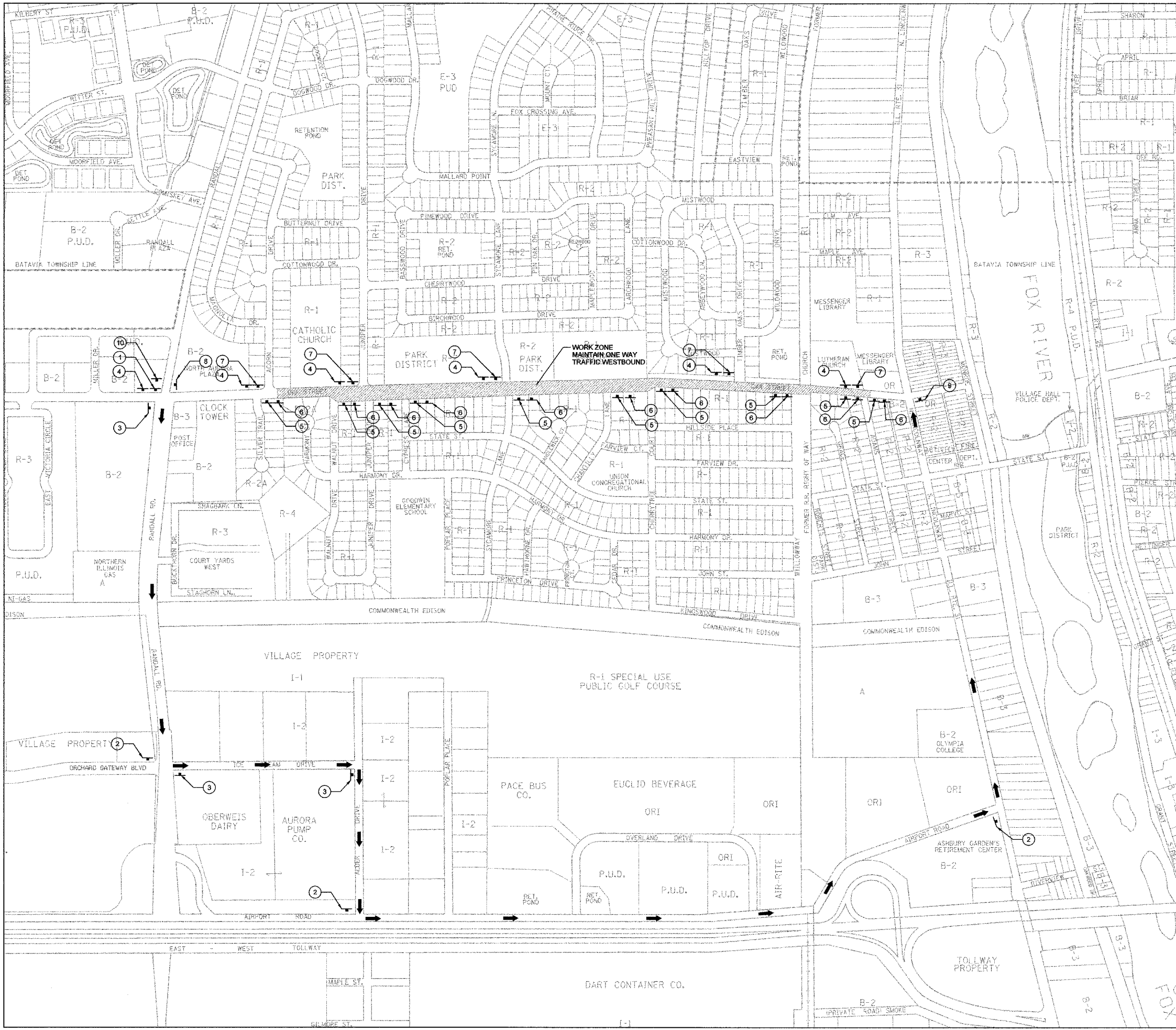
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STA.		TO STA.		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT		



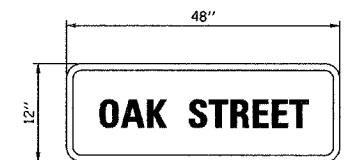
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STRUCTURE	NOTATION
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PLOT DATE = 8/30/2007
 PLOT SCALE = 1"=400'
 USER NAME = USER



- ① **DETOUR** M4-8 24" X 12"
EAST M3-2 24" X 12"
OAK STREET
↑ M6-1 21" X 21"
- ② **DETOUR** M4-8 24" X 12"
EAST M3-2 24" X 12"
OAK STREET
← M6-1L 21" X 21"
- ③ **DETOUR** M4-8 24" X 12"
EAST M3-2 24" X 12"
OAK STREET
→ M6-1R 21" X 21"
- ④ **R3-2** 24" X 24"
- ⑤ **R3-1** 24" X 24"
- ⑥ **ONE WAY** R6-2L 18" X 24"
- ⑦ **ONE WAY** R6-2R 18" X 24"
- ⑧ **END ONE WAY** R6-53 24" X 30"
- ⑨ **END DETOUR** M4-8A 24" X 18"
- ⑩ **OAK STREET Closed Eastbound**
Acom Drive to IL Route 31 Beginning Use Detour
SPECIAL 96" x 48" SEE MAINTENANCE OF TRAFFIC SHEET

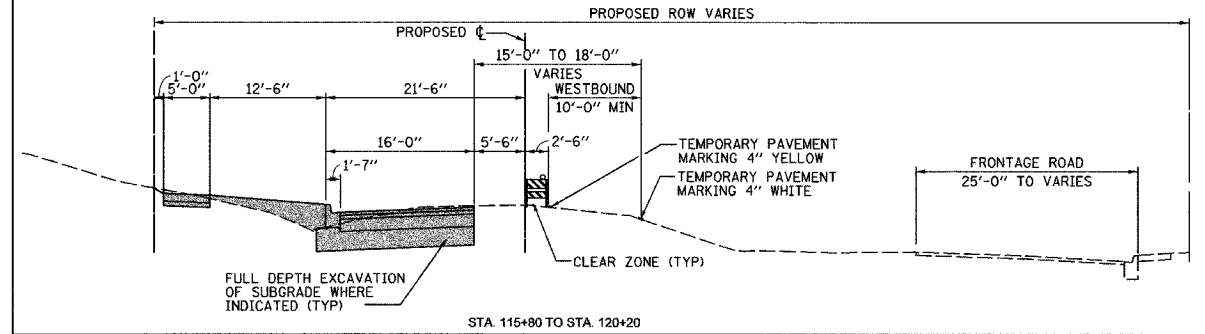
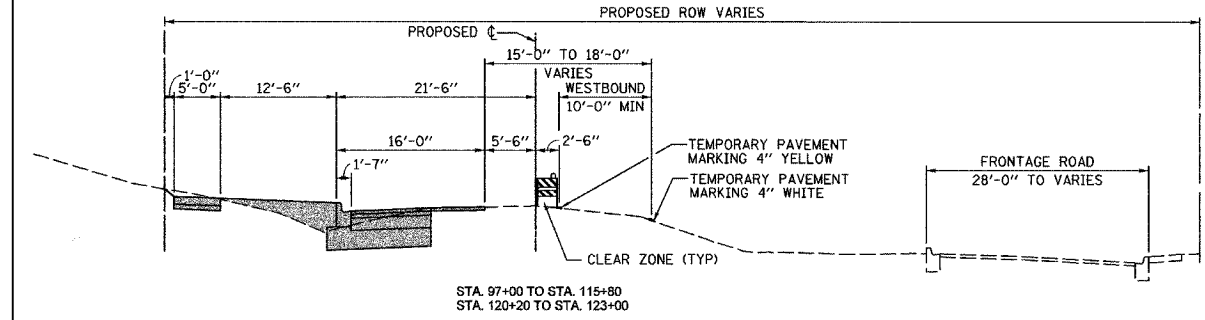
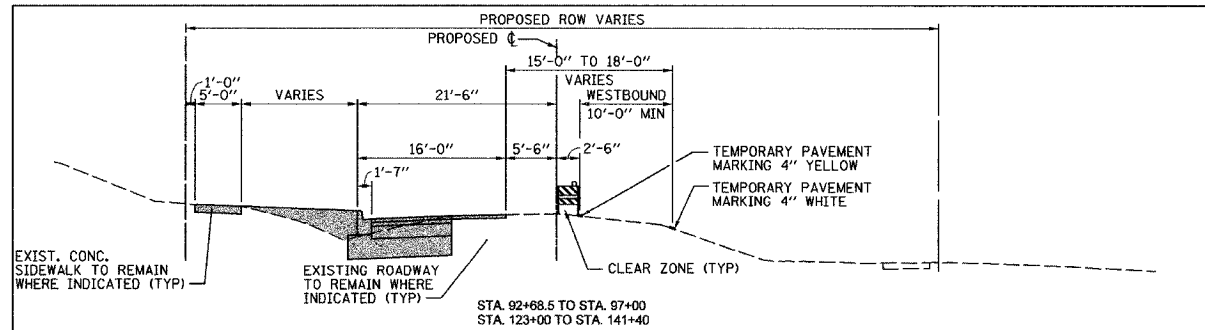


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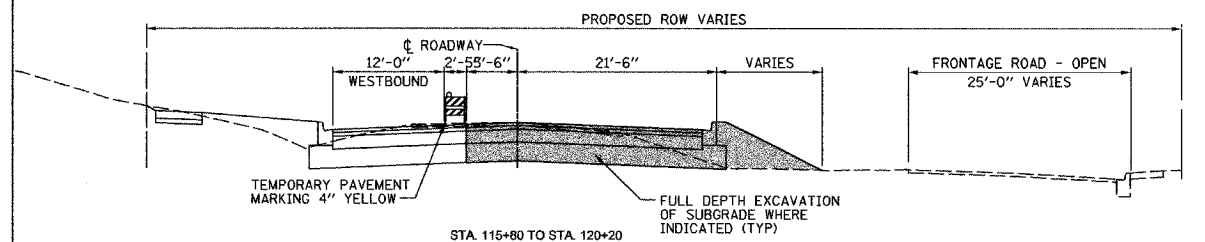
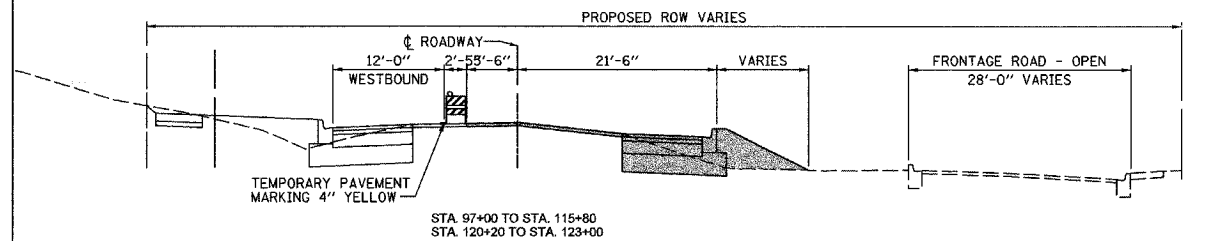
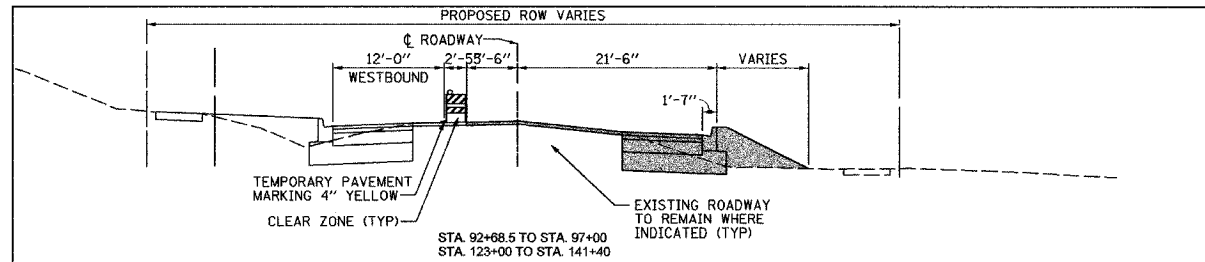
LEGEND
 → DETOUR ROUTE
 T SIGN

DETOUR PLAN
 SCALE: VERT. DRAWN BY: GR
 HORIZ. 1"=400' DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	60	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT



STAGE 1 WESTBOUND LANE CONSTRUCTION SECTIONS (FACING EAST)



STAGE 2 EASTBOUND LANE AND CENTER LANE CONSTRUCTION SECTIONS (FACING EAST)

STAGE 1 - WESTBOUND LANE CONSTRUCTION (FACING EAST)

1. DETOUR EXISTING EASTBOUND TRAFFIC AS SHOWN IN THE DETOUR PLAN. INCLUDES ADVANCE NOTICE WITH CHANGEABLE MESSAGE SIGNS.
2. MAINTAIN WESTBOUND TRAFFIC ON THE EASTBOUND (SOUTH) LANE. INCLUDES TEMPORARY PAVEMENT MARKING AND BARRICADE INSTALLATION AND MAINTENANCE.
3. INSTALL TEMPORARY EROSION CONTROL MEASURES AND MAINTAIN.
4. CONSTRUCT PROPOSED WESTBOUND OAK STREET IMPROVEMENTS, NORTH R.O.W., INCLUDING STORM SEWER, INTERSECTIONS, CURB AND GUTTER, ROADWAY, SIDEWALKS, DRIVEWAYS, AND PARKWAY RESTORATION WITH EROSION CONTROL MEASURES.

CONSTRUCTION SHALL INCLUDE THE STORM SEWER CROSSING TO THE SOUTH R.O.W. AT SYCAMORE LANE WHILE WESTBOUND EXISTING PAVEMENT IS STILL IN PLACE, AS NEEDED, TO FLAG TRAFFIC DURING THIS SEWER INSTALLATION.

CONSTRUCTION SHALL EXCLUDE ROADWAY SURFACE AND IMPROVEMENTS IN THE CENTERLINE STAGE 1 CLEAR ZONE.

TRAFFIC CONTROL DEVICES FOR ALL STAGES SHALL INCLUDE STANDARDS 702001 AND 704001.

STAGE 2 - EASTBOUND LANE AND CENTER LANE CONSTRUCTION (FACING EAST)

1. MAINTAIN STAGE 1 DETOUR OF EASTBOUND TRAFFIC AS SHOWN IN THE DETOUR PLAN.
2. ROUTE EASTBOUND TRAFFIC ONTO WESTBOUND (NORTH) LANE. INCLUDES TEMPORARY PAVEMENT MARKING AND BARRICADE INSTALLATION AND MAINTENANCE.
3. INSTALL TEMPORARY EROSION CONTROL MEASURES AND MAINTAIN.
4. CONSTRUCT PROPOSED EASTBOUND OAK STREET IMPROVEMENTS, SOUTH R.O.W., INCLUDING STORM SEWER, INTERSECTIONS, CURB AND GUTTER, ROADWAY, SIDEWALKS, DRIVEWAYS, AND PARKWAY RESTORATION WITH EROSION CONTROL MEASURES.

CONSTRUCTION SHALL INCLUDE THE ROADWAY IMPROVEMENTS IN THE STAGE 1 CLEAR ZONE.

CONSTRUCTION SHALL EXCLUDE ROADWAY SURFACE.

STAGE 3 - SURFACE COURSE CONSTRUCTION

1. MAINTAIN WESTBOUND TRAFFIC ON WESTBOUND (NORTH) LANE. ROUTE EASTBOUND DETOURED TRAFFIC ONTO EASTBOUND (SOUTH) LANE. REMOVE STAGE 1 AND 2 DETOUR. INCLUDES TEMPORARY PAVEMENT MARKING AND MAINTENANCE.
2. MAINTAIN TEMPORARY EROSION CONTROL MEASURES.
3. COMPLETE PERMANENT LANDSCAPING.
4. CONSTRUCT REMAINING LEVEL BINDER.
5. CONSTRUCT ROADWAY SURFACE COURSE ON OAK STREET AND INTERSECTIONS.
6. PLACE ALL PERMANENT PAVEMENT MARKERS, STRIPING, AND SIGNING.

STAGE 3 CONSTRUCTION TRAFFIC MAINTENANCE STANDARDS SHALL INCLUDE STANDARDS 701306 AND 701311.

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR CONSTRUCTION ZONE TRAFFIC CONTROL.
2. THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 702001 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
3. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER. ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR.
4. TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 50 FEET CENTER TO CENTER.
5. ANY DROP OFF GREATER THAN THREE (3) INCHES BUT LESS THAN SIX (6) INCHES, WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT CENTER TO CENTER SPACING. IF THE DROP OFF WITHIN EIGHT (8) FEET OF THE PAVEMENT EDGE EXCEEDS SIX (6) INCHES, THE BARRICADES, DRUMS OR VERTICAL PANELS MENTIONED ABOVE SHALL BE PLACED AT FIFTY (50) FOOT CENTER TO CENTER SPACING. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 702001.
6. TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
7. TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION. WHEN THE PROPOSED PROFILE IS 3 FEET HIGHER THAN EXISTING OR 1 FOOT BELOW EXISTING, TEMPORARY CONCRETE BARRIER SHALL BE USED. VERTICAL PANELS WITH STEADY-BURN LIGHTS SHALL BE INSTALLED ON TOP OF THE BARRIER AT 50 FOOT INTERVALS.
8. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, WARNING LIGHTS, AND SIGN WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION.
9. WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.
10. CHANGEABLE MESSAGE BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
11. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
12. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORISTS. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION ONLY WITH THE PRIOR APPROVAL OF THE ENGINEER.
13. THE CONTRACTOR SHALL DETOUR TRAFFIC DURING CONSTRUCTION AT INTERSECTIONS. THE CONTRACTOR SHALL SUBMIT A DETOUR PLAN TO THE RESIDENT ENGINEER FOR REVIEW AND APPROVAL. SUCH DETOURS SHALL BE INCLUDED IN THE GENERAL TRAFFIC CONTROL AND IS NOT INCLUDED AS PART OF THE "DETOUR LAYOUT PLAN - OAK STREET" FOR PAYMENT.

MAINTENANCE OF TRAFFIC, STAGING SECTIONS, AND NOTES

SCALE: VERT. NONE HORIZ. NONE DRAWN BY: GR DATE: MAY 2007

DATE	BY	REVISION

DATE	BY	REVISION

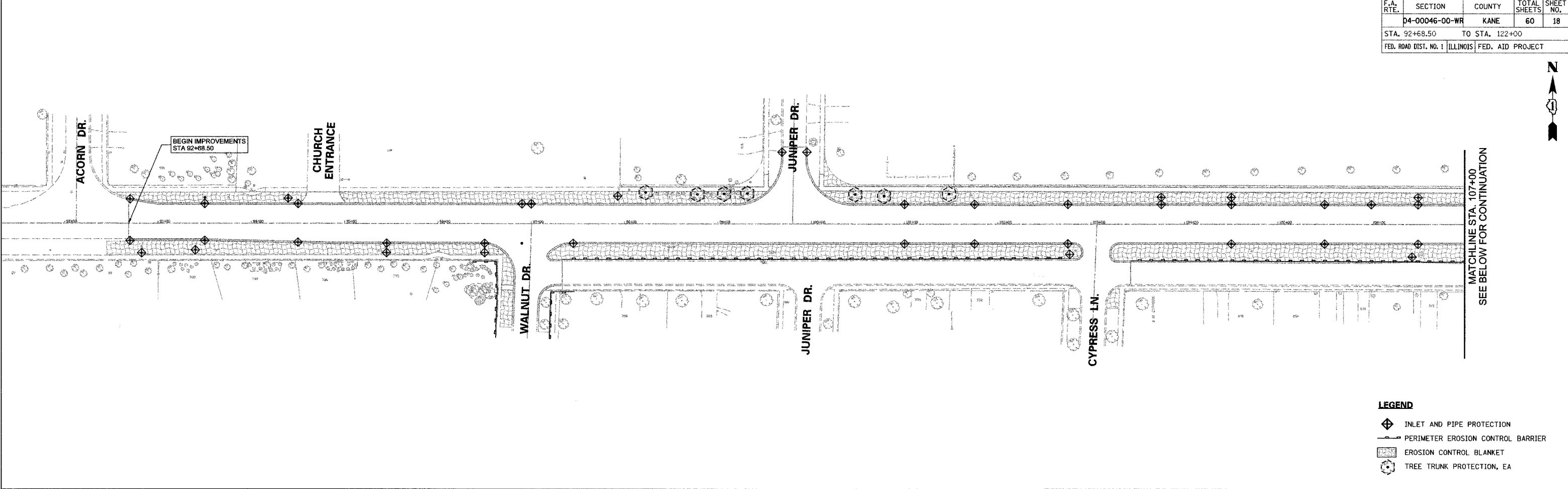
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	18
STA. 92+68.50		TO STA. 122+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
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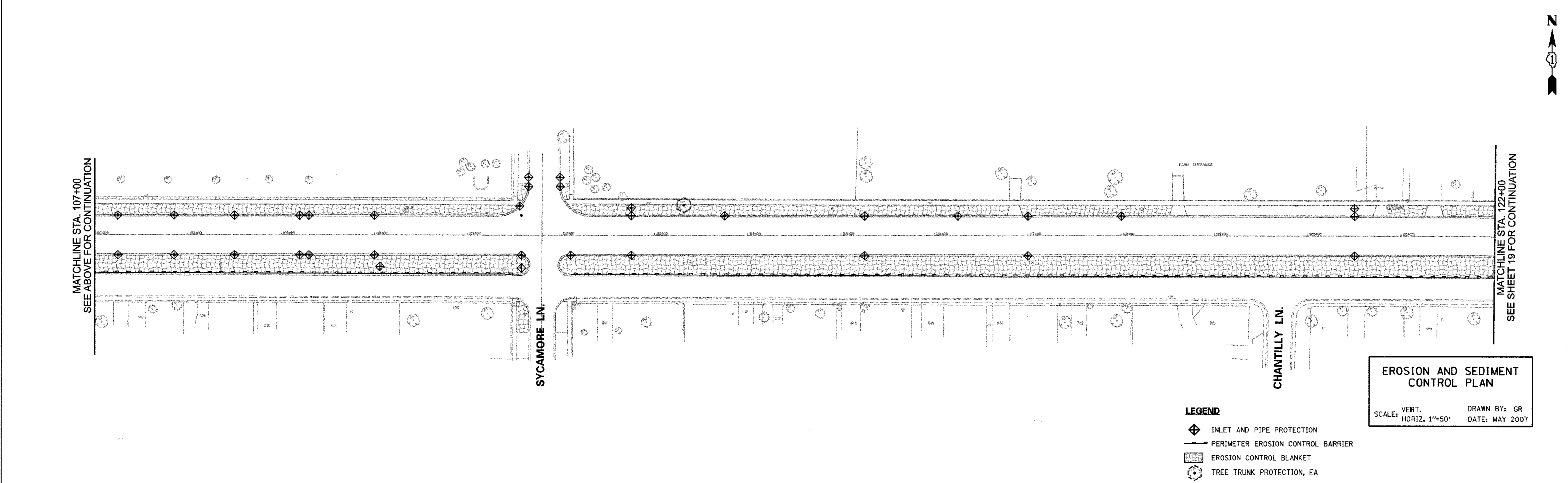
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SUBMITTED		
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 USER NAME = USER.



LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL BARRIER
- EROSION CONTROL BLANKET
- TREE TRUNK PROTECTION, EA



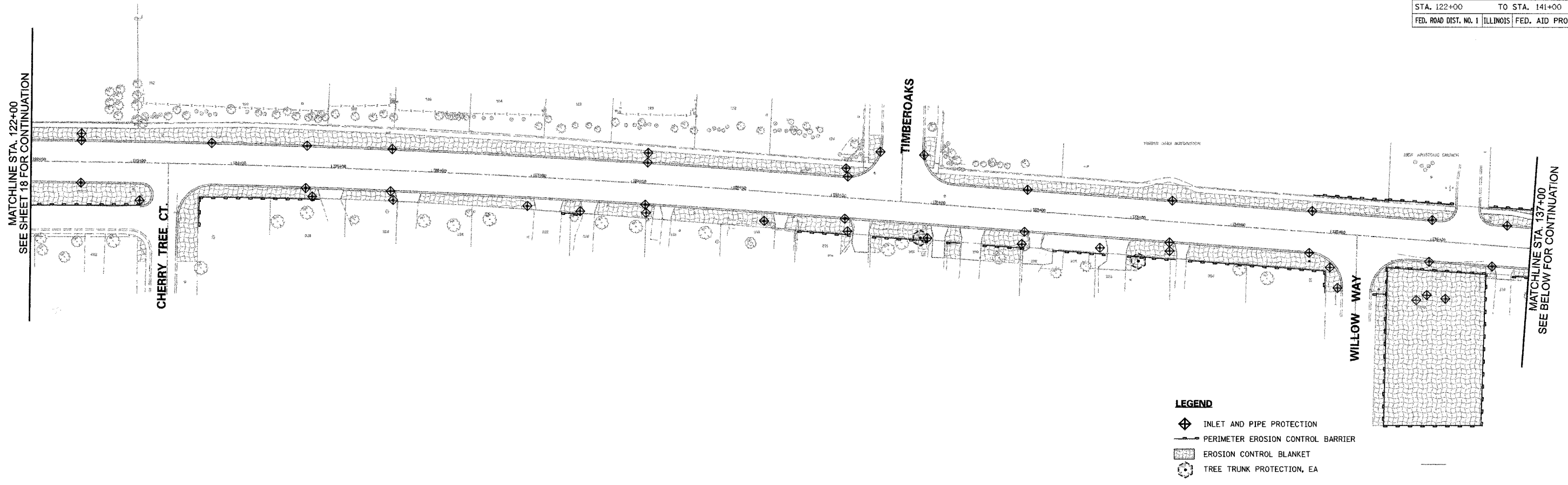
EROSION AND SEDIMENT CONTROL PLAN

SCALE: VERT. DRAWN BY: GR
 HORIZ. 1"=50' DATE: MAY 2007

LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION CONTROL BARRIER
- EROSION CONTROL BLANKET
- TREE TRUNK PROTECTION, EA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 122+00		TO STA. 141+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



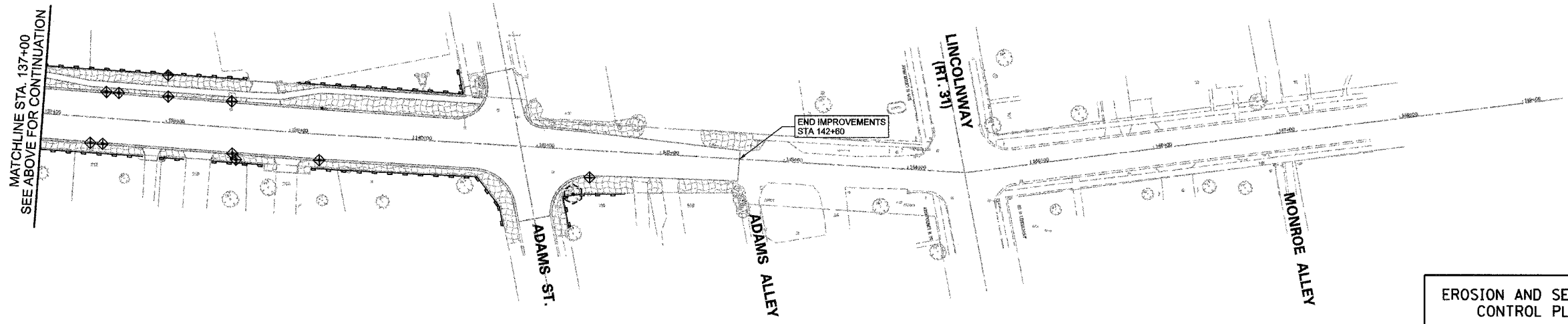
- LEGEND**
- ◆ INLET AND PIPE PROTECTION
 - PERIMETER EROSION CONTROL BARRIER
 - ▨ EROSION CONTROL BLANKET
 - ⊙ TREE TRUNK PROTECTION, EA



PLAN

DATE	BY

SURVEYED
 ALIGNMENT CHECKED
 RT. OF WAY CHECKED
 NOTE BOOK NO. _____
 Dwg. FILE NAME _____



- LEGEND**
- ◆ INLET AND PIPE PROTECTION
 - PERIMETER EROSION CONTROL BARRIER
 - ▨ EROSION CONTROL BLANKET
 - ⊙ TREE TRUNK PROTECTION, EA

EROSION AND SEDIMENT CONTROL PLAN

SCALE: VERT. _____
 HORIZ. 1"=50'

DRAWN BY: GR
 DATE: MAY 2007



PROFILE

DATE	BY

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 GRADES CHECKED
 B.M. NOTED
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-WR	KANE	60	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EROSION CONTROL NOTES:

- EROSION CONTROL MEASURES SHALL MEET ALL REQUIREMENTS OF THE VILLAGE AND THE ENVIRONMENTAL PROTECTION AGENCY, N.P.D.E.S. PERMIT CONSTRUCTION SITE ACTIVITIES.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
- THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED.
- IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED. TEMPORARY SEEDING SHALL BE IDOT CLASS I & PERMANENT SEEDING SHALL BE IDOT CLASS I.
- STOCKPILE OF SOIL & OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN 3 DAYS SHALL BE FURNISHED W/EROSION & SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- PROPERTIES ADJACENT TO SITE OF A LAND DISTURBANCE SHOULD BE PROTECTED FROM SEDIMENT DEPOSITION. THIS MAY BE ACCOMPLISHED BY PERIMETER CONTROLS SUCH AS FILTER FENCE OR DIKES, OR OTHER APPROVED MEASURES.
- EROSION CONTROL MEASURES MUST BE CONSTRUCTED AS A FIRST STEP IN GRADING AND BE MADE FUNCTIONAL BEFORE UP SLOPE LAND DISTURBANCE TAKES PLACE.
- ALL STORM SEWER INLETS WHICH ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED BY EITHER AREA DRAIN PROTECTION, DIKE IN GRADED AREAS, OR BY WRAPPING FILTER FABRIC AROUND THE GRATE IN PAVED AREAS.
- WHEN EVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHOULD BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHOULD BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND RESPREADING OF ANY MATERIAL THAT IS DEPOSITED OFF-SITE.
- ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY & AFTER EACH 1/2" RAIN EVENT.
- ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY & CLEANED WHEN NECESSARY.
- TOP SOIL, 6" MINIMUM, SEEDING TYPE I AND FERTILIZER AND EROSION CONTROL BLANKET ARE TO BE PLACED OVER ALL DISTURBED AREAS, FOR FINAL RESTORATION.
- PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE DETENTION AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED IN ATTEMPT THAT ALL FINAL GRADING AND STABILIZATION CAN TAKE PLACE AT ONE TIME.
- WINTER SHUT DOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.

SOIL PROTECTION SCHEDULE

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A				A				
DORMANT SEEDING	B									A		
TEMPORARY SEEDING			B									
ER. BLANKET/ HYDROMULCH	B							B				
MULCHING	C											

A- CLASS I IDOT SEEDING
 B- CLASS I IDOT SEEDING
 C- MULCH

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

SCALE: VERT. NONE DRAWN BY: GR
 HORIZ. NONE DATE: MAY 2007

PLAN	DATE
BY	
SURVEYED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
JOB FILE NAME	
NOTE BOOK NO.	

PROFILE	DATE
BY	
SURVEYED	
GRADES CHECKED	
RT. NOTED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	

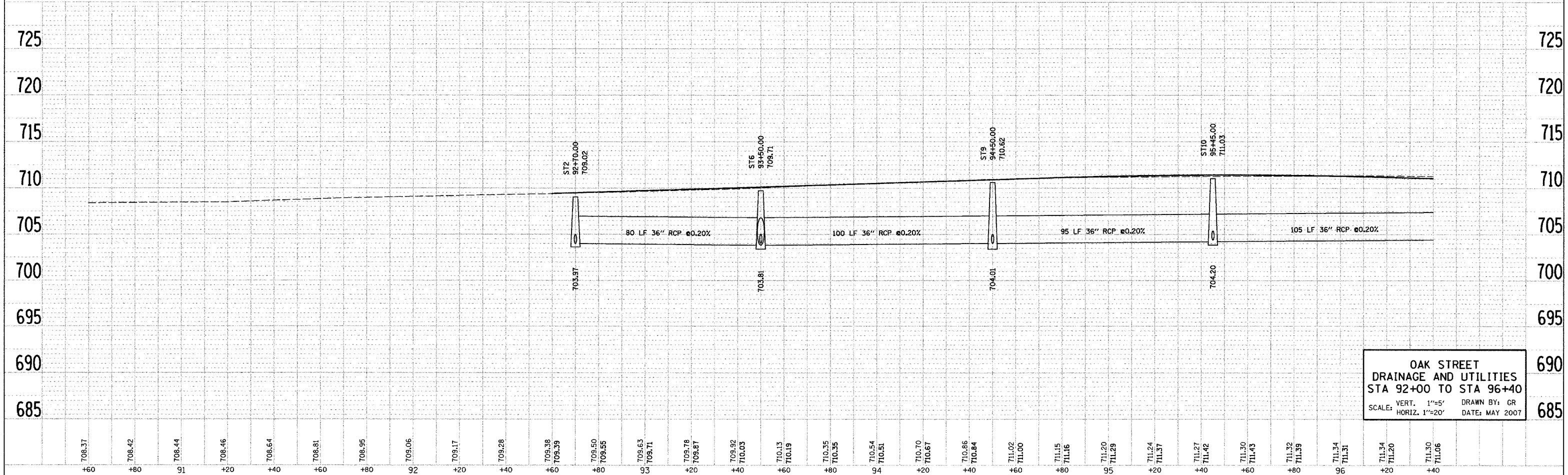
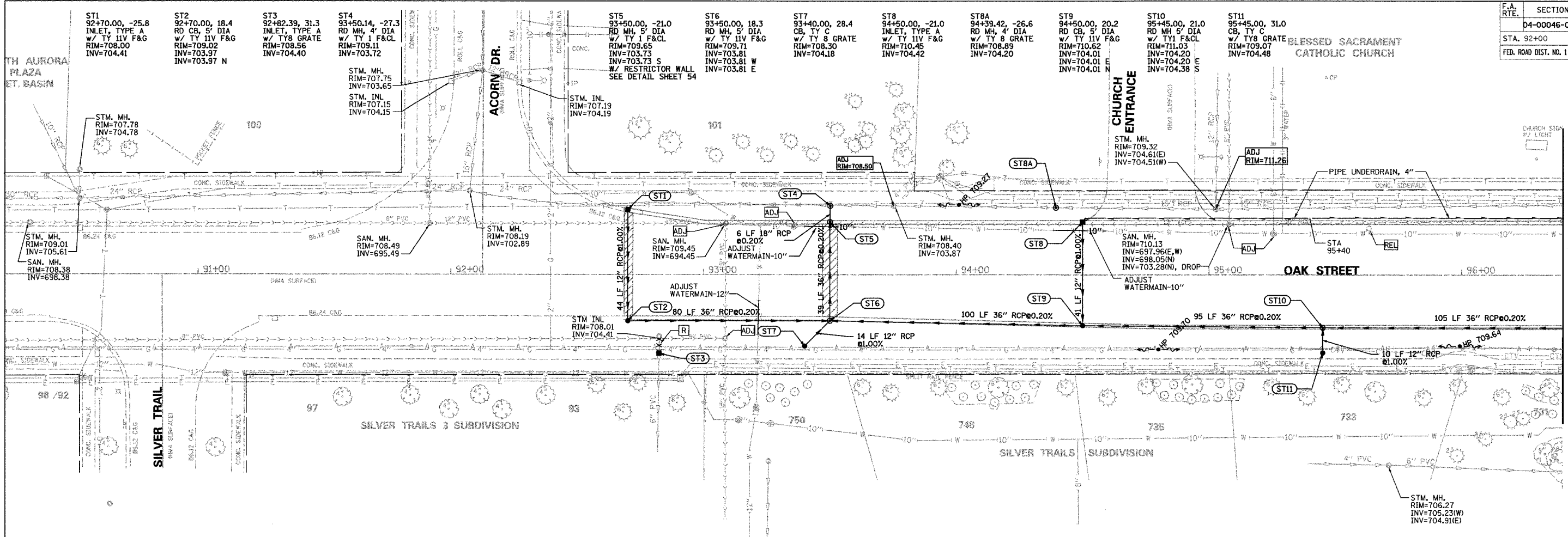
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-WR	KANE	60	21
STA. 92+00		TO STA. 96+40		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY	REVISION

DATE	BY	REVISION

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**OAK STREET
 DRAINAGE AND UTILITIES
 STA 92+00 TO STA 96+40**
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007

MATCHLINE STA. 96+40
SEE SHEET 22 FOR CONTINUATION

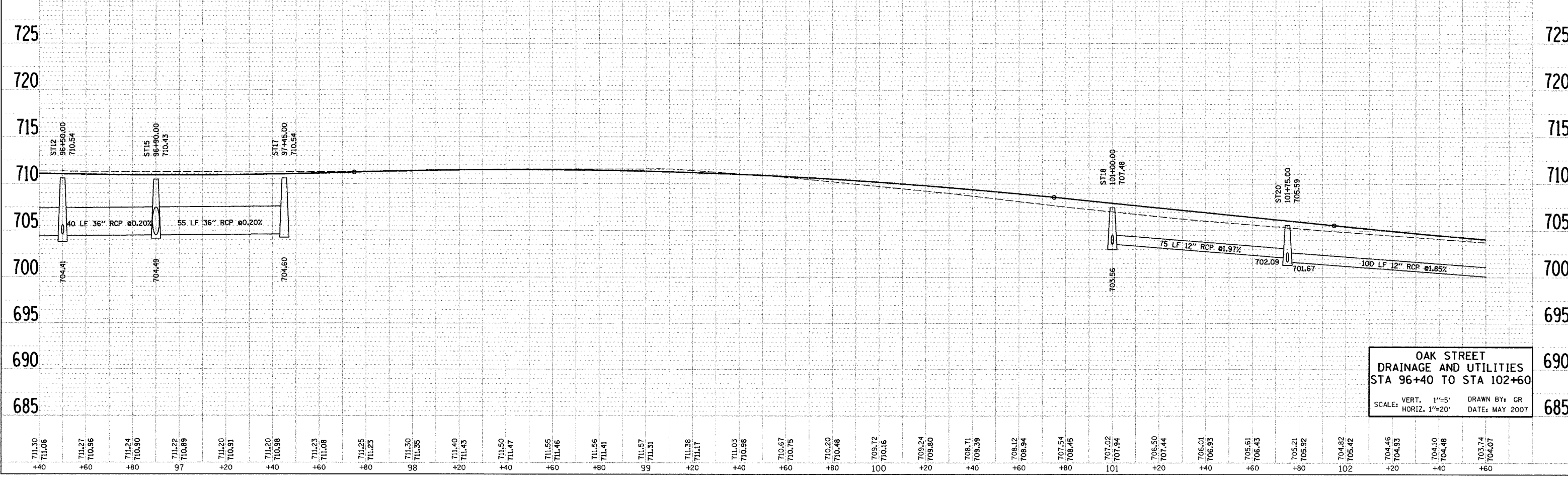
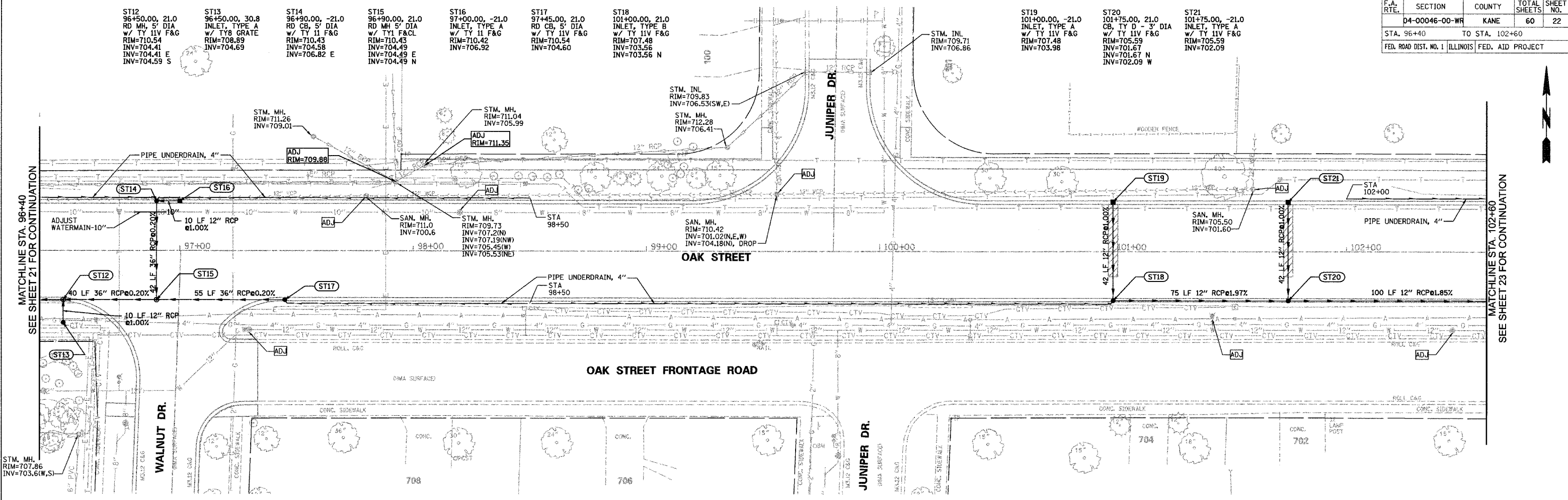


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-WR	KANE	60	22
STA. 96+40		TO STA. 102+60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 8/30/2007
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OAK STREET DRAINAGE AND UTILITIES
 STA 96+40 TO STA 102+60
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007

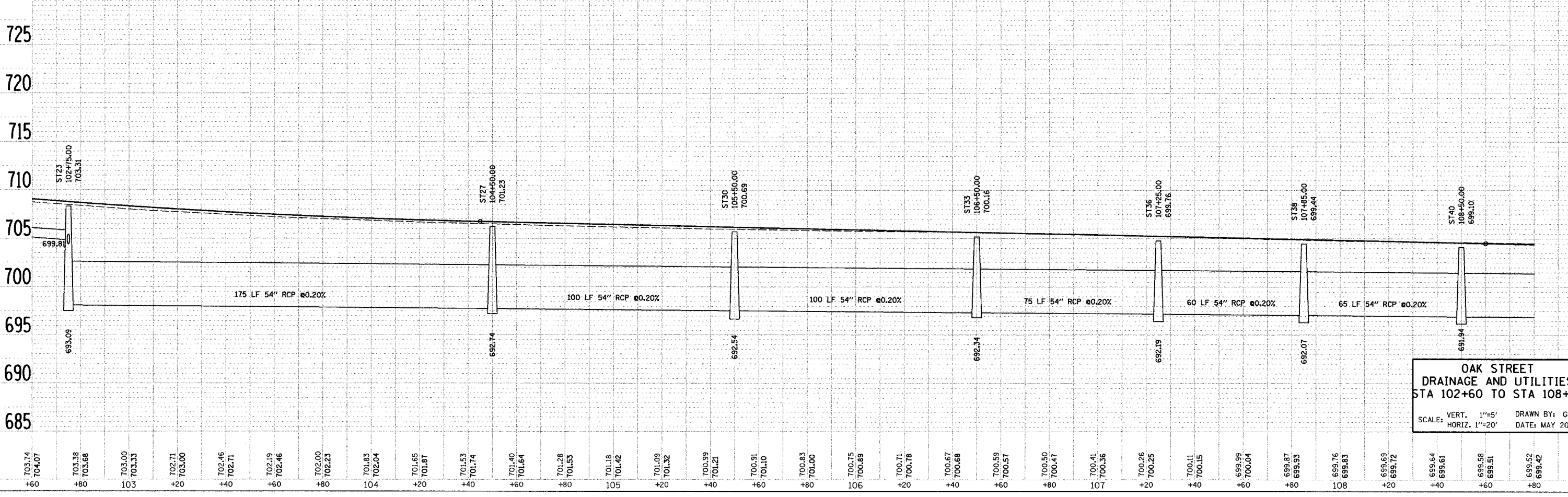
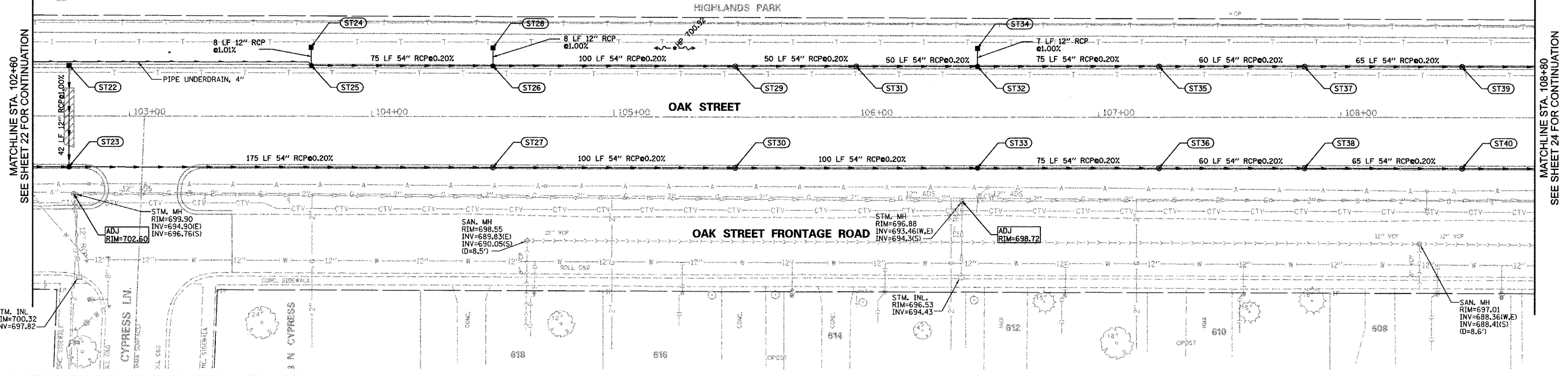
SEE SHEET 21 FOR CONTINUATION

SEE SHEET 23 FOR CONTINUATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	23
STA. 102+60		TO STA. 108+80		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

ST22 102+75.00, -21.0 INLET, TYPE A W/ TY 11V F&G RIM=703.31 INV=699.81	ST23 102+75.00, 21.0 RD MH, 7' DIA W/ TY 11V F&G RIM=703.31 INV=699.81 W INV=699.39 N	ST24 103+74.91, -28.6 INLET, TYPE A W/ TY 8 GRATE RIM=700.79 INV=692.98 INV=692.03 W	ST25 103+75.00, -21.0 RD MH, 7' DIA W/ TY 11V F&G RIM=701.82 INV=692.83 INV=692.21 N	ST26 104+50.00, -21.0 RD MH, 7' DIA W/ TY 11V F&G RIM=701.23 INV=692.83 W INV=696.59 N	ST27 104+50.00, 21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=701.23 INV=692.74 W	ST28 104+50.00, -28.5 INLET, TYPE A W/ TY 8 GRATE RIM=700.17 INV=696.67	ST29 105+50.00, -21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=700.69 INV=692.63 W	ST30 105+50.00, 21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=700.69 INV=692.54 W	ST31 106+00.00, -21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=700.43 INV=692.53 W	ST32 106+50.00, -21.0 RD MH, 7' DIA W/ TY 11V F&G RIM=700.16 INV=692.43 W INV=696.09 N	ST33 106+50.00, 21.0 RD MH, 7' DIA W/ TY 11V F&G RIM=700.16 INV=692.34 W	ST34 106+50.00, -28.5 INLET, TYPE A W/ TY 8 GRATE RIM=699.67 INV=696.17	ST35 107+25.00, -21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.76 INV=692.28 W
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ST36 107+25.00, 21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.76 INV=692.19 W	ST37 107+85.00, -21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.44 INV=692.16 W	ST38 107+85.00, 21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.44 INV=692.07 W	ST39 108+50.00, -21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.10 INV=692.03 W	ST40 108+50.00, 21.0 RCP TEE 54"P 24"R W/ TY 11V F&G RIM=699.10 INV=691.94 W
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DATE	BY

DATE	BY

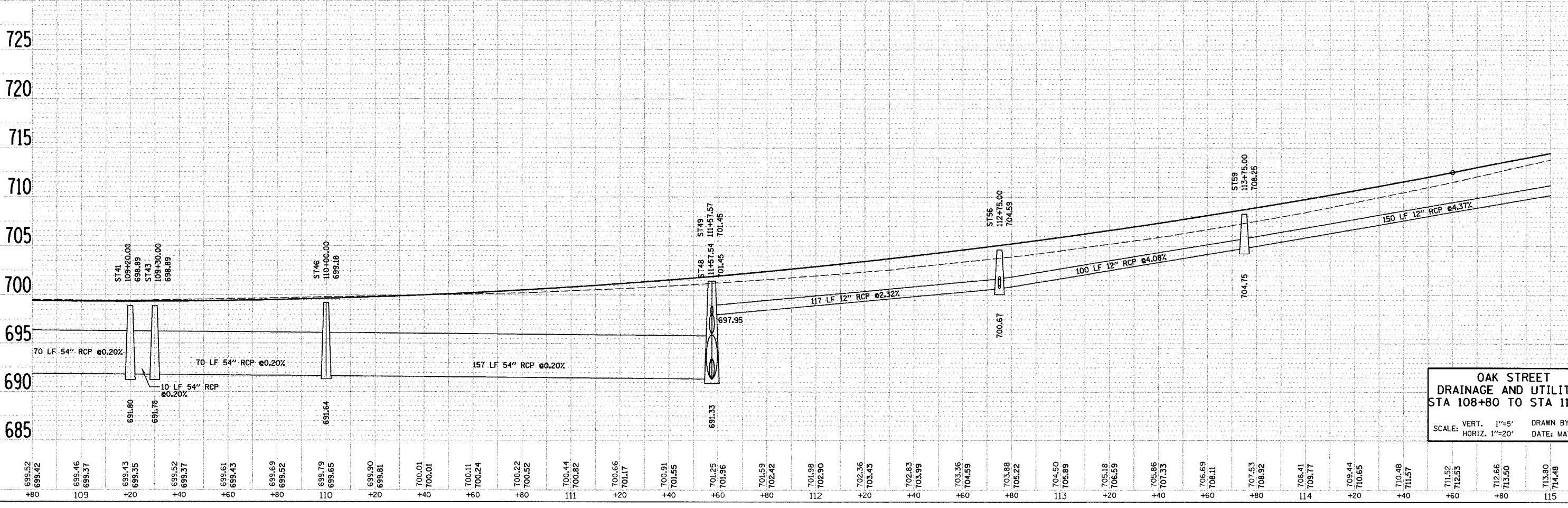
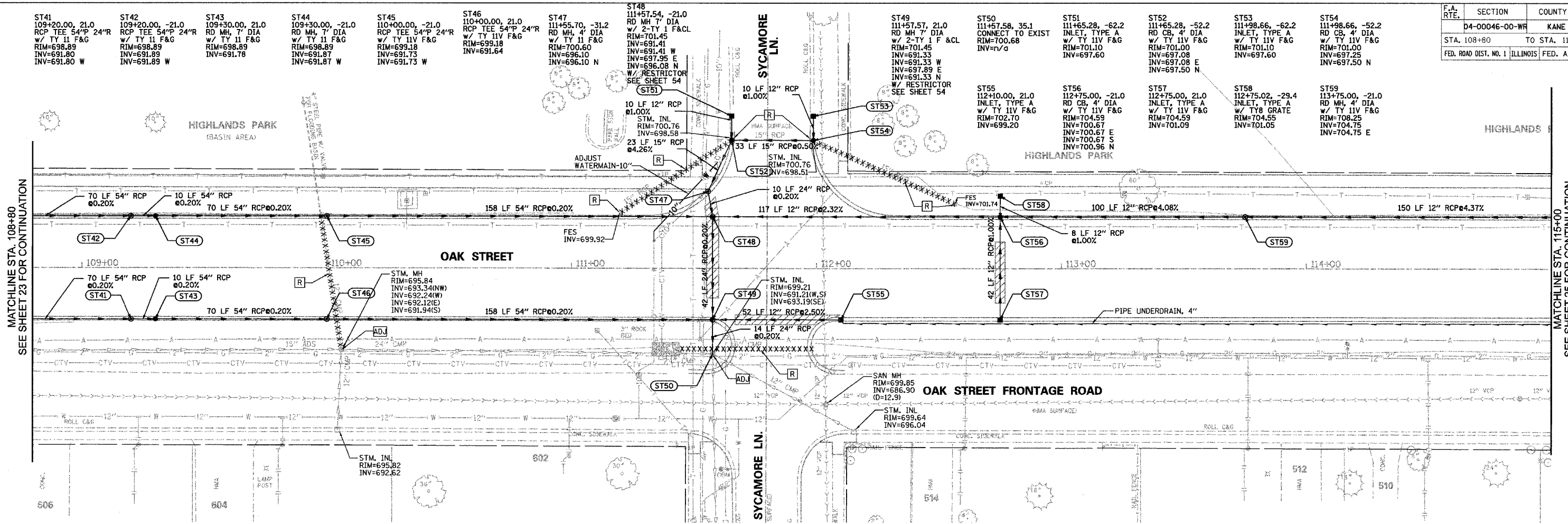
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	24
STA. 108+80		TO STA. 115+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

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**OAK STREET
 DRAINAGE AND UTILITIES
 STA 108+80 TO STA 115+00**
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007

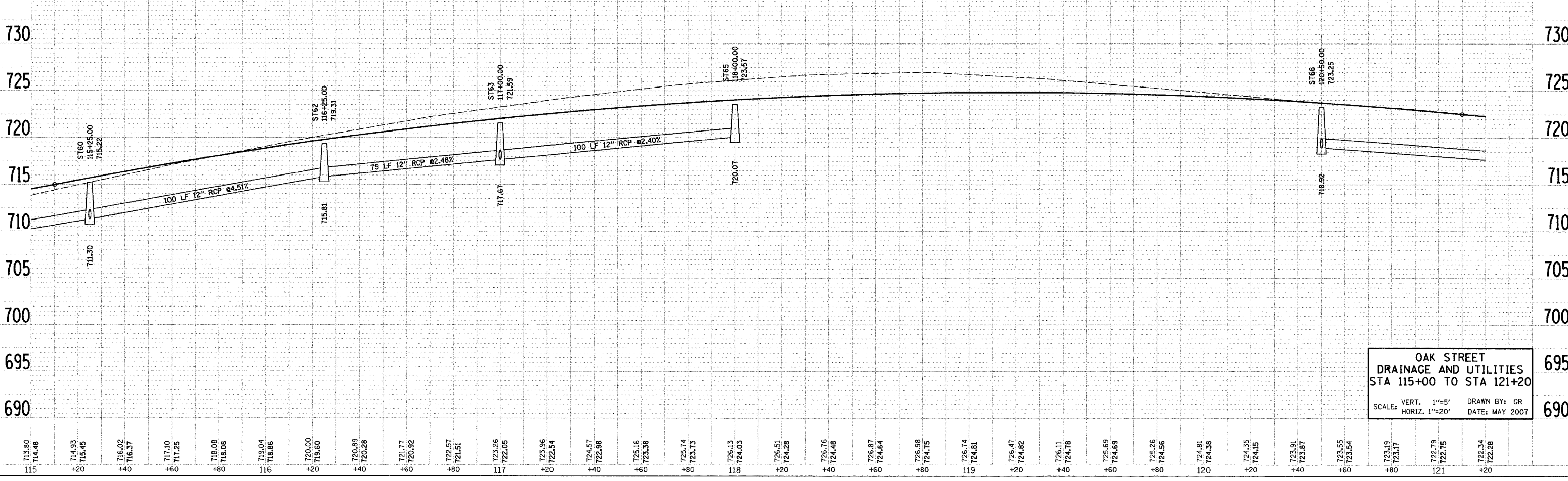
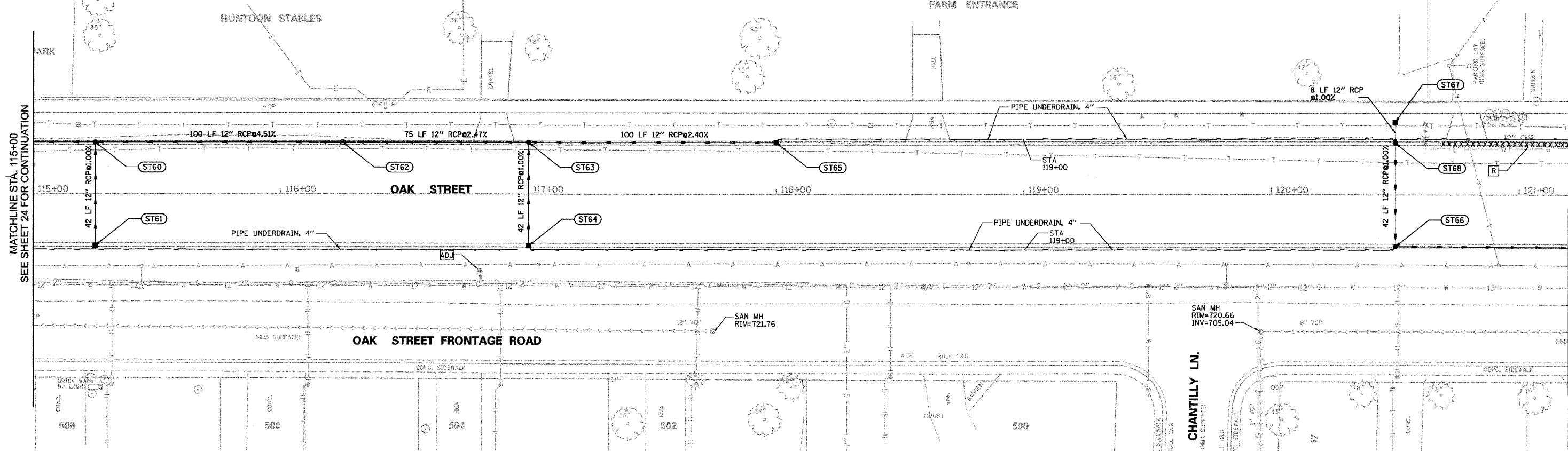
MATCHLINE STA. 115+00
SEE SHEET 25 FOR CONTINUATION

MATCHLINE STA. 108+80
SEE SHEET 23 FOR CONTINUATION



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	60	25
STA. 115+00		TO STA. 121+20		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ST60 115+25.00, -21.0 RD CB, 4' DIA w/ TY 11V F&G RIM=715.22 INV=711.30 INV=711.30 S	ST61 115+25.00, 21.0 INLET, TYPE A w/ TY 11V F&G RIM=715.22 INV=711.72	ST62 116+25.00, -21.0 RD MH, 4' DIA w/ TY 11V F&G RIM=719.31 INV=715.81 INV=715.81 E	ST63 117+00.00, -21.0 RD CB, 4' DIA w/ TY 11V F&G RIM=721.59 INV=717.67 INV=717.67 S	ST64 117+00.00, 21.0 INLET, TYPE A w/ TY 11V F&G RIM=721.59 INV=718.09	ST65 118+00.00, -21.0 INLET, TYPE A w/ TY 11V F&G RIM=723.57 INV=720.07	ST66 120+50.00, 21.0 RD CB, 4' DIA w/ TY 11V F&G RIM=723.25 INV=718.52 INV=718.52 N	ST67 120+50.00, -29.4 INLET, TYPE A w/ TY 8 GRATE RIM=722.92 INV=719.42	ST68 120+50.00, -21.0 CB, TY C w/ TY 11V F&G RIM=723.25 INV=719.34 INV=719.34 N
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**OAK STREET
DRAINAGE AND UTILITIES
STA 115+00 TO STA 121+20**

SCALE: VERT. 1"=5'
HORIZ. 1"=20'

DRAWN BY: GR
DATE: MAY 2007

DATE	BY

PLAN

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REVISIONS:

NO.

DESCRIPTION:

DATE	BY

PROFILE

DATE:

BY:

REVISIONS:

NO.

DESCRIPTION:

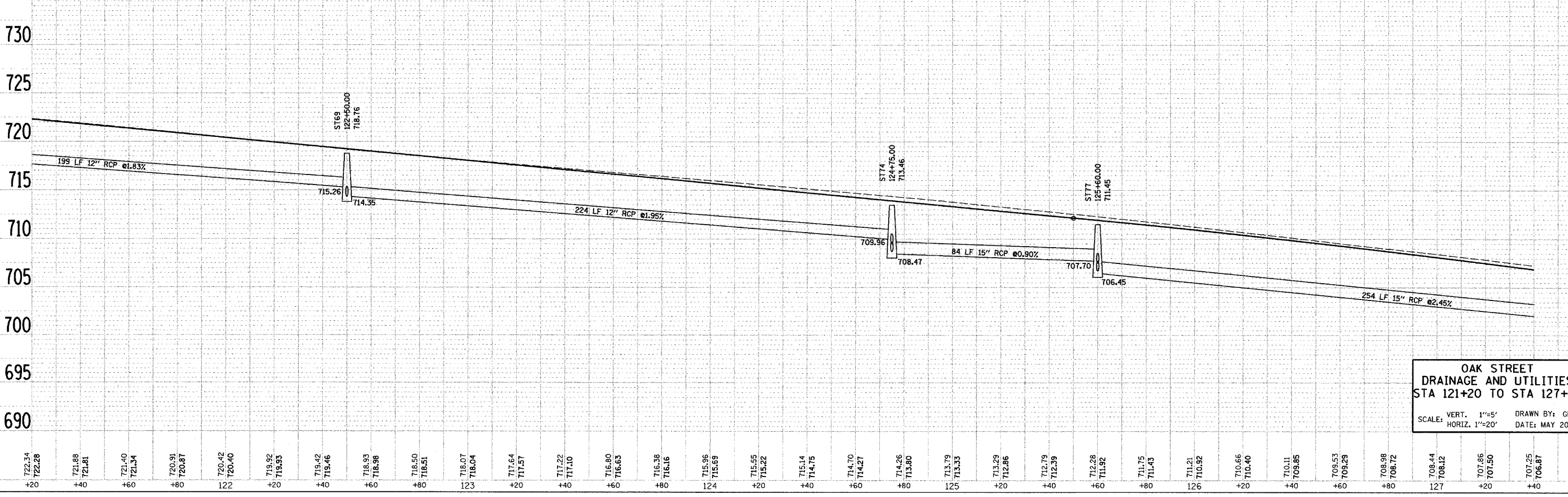
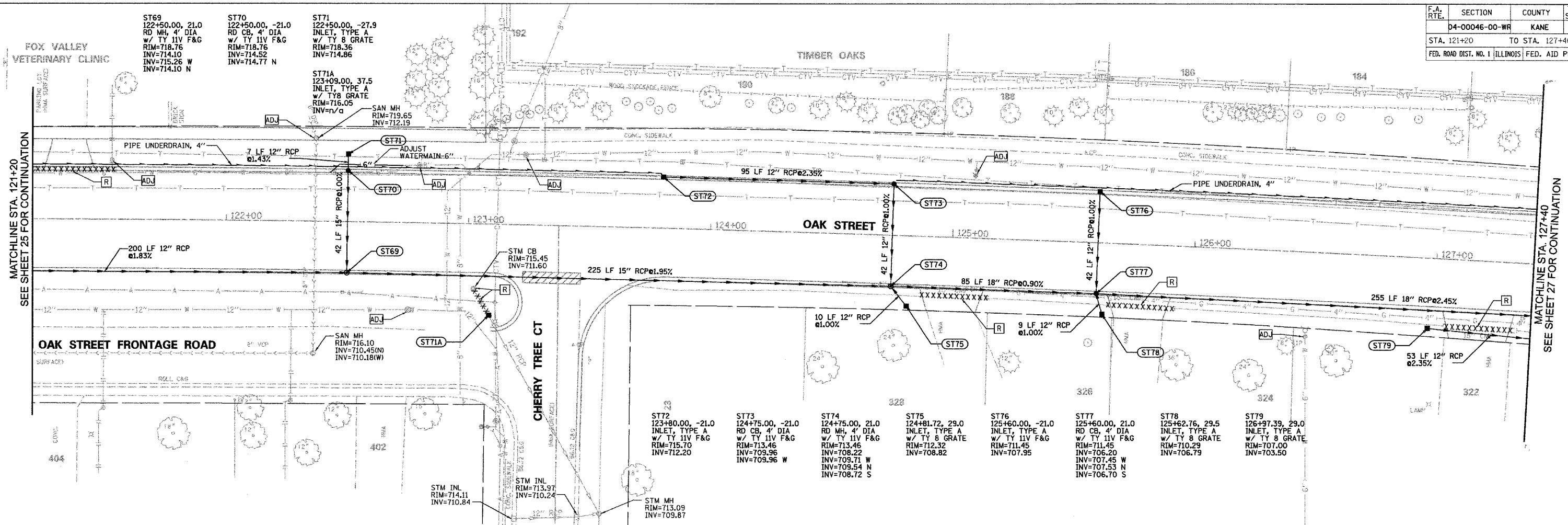
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	26
STA. 121+20		TO STA. 127+40		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

DATE	BY	REVISION

DATE	BY	REVISION

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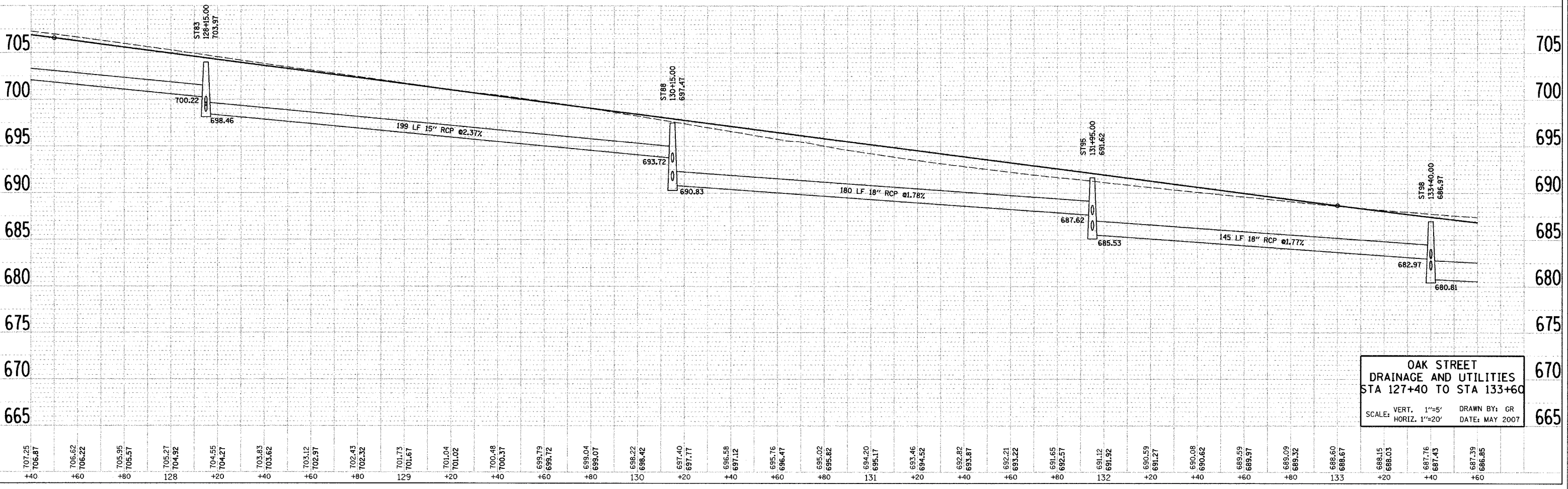
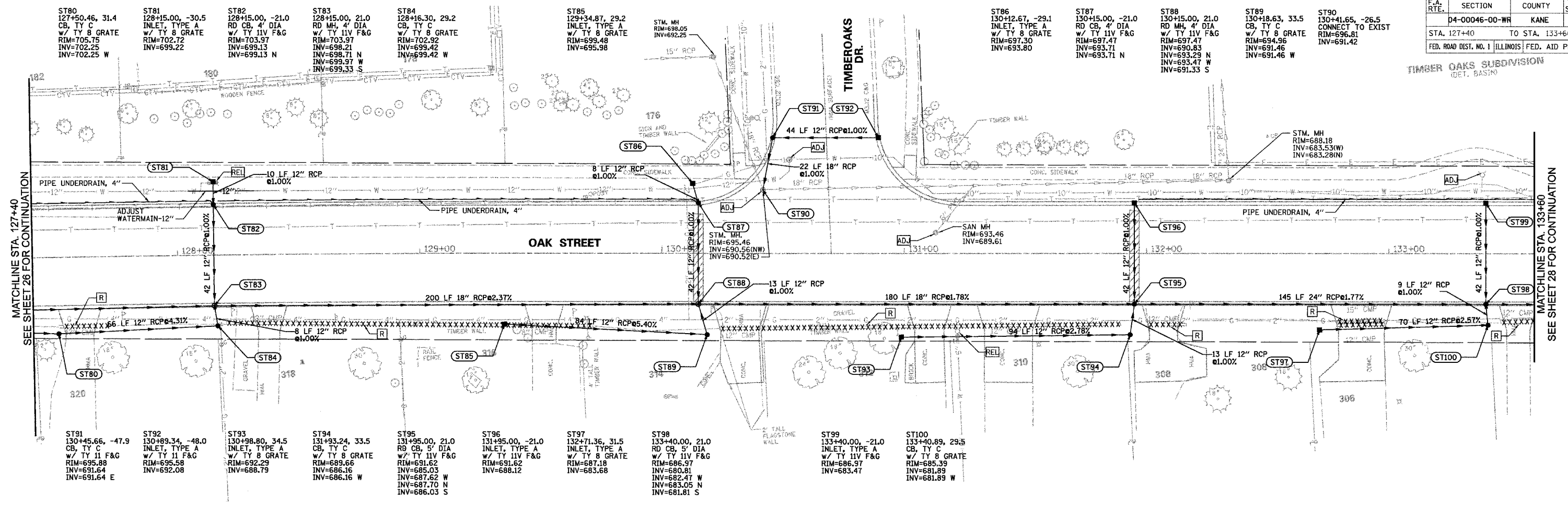


**OAK STREET
 DRAINAGE AND UTILITIES
 STA 121+20 TO STA 127+40**
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	27
STA. 127+40		TO STA. 133+60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TIMBER OAKS SUBDIVISION
(DET. BASIN)



OAK STREET
DRAINAGE AND UTILITIES
STA 127+40 TO STA 133+60
SCALE: VERT. 1"=5'
HORIZ. 1"=20'
DRAWN BY: GR
DATE: MAY 2007

DATE	BY	SURVEYED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED
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DATE	BY	SURVEYED
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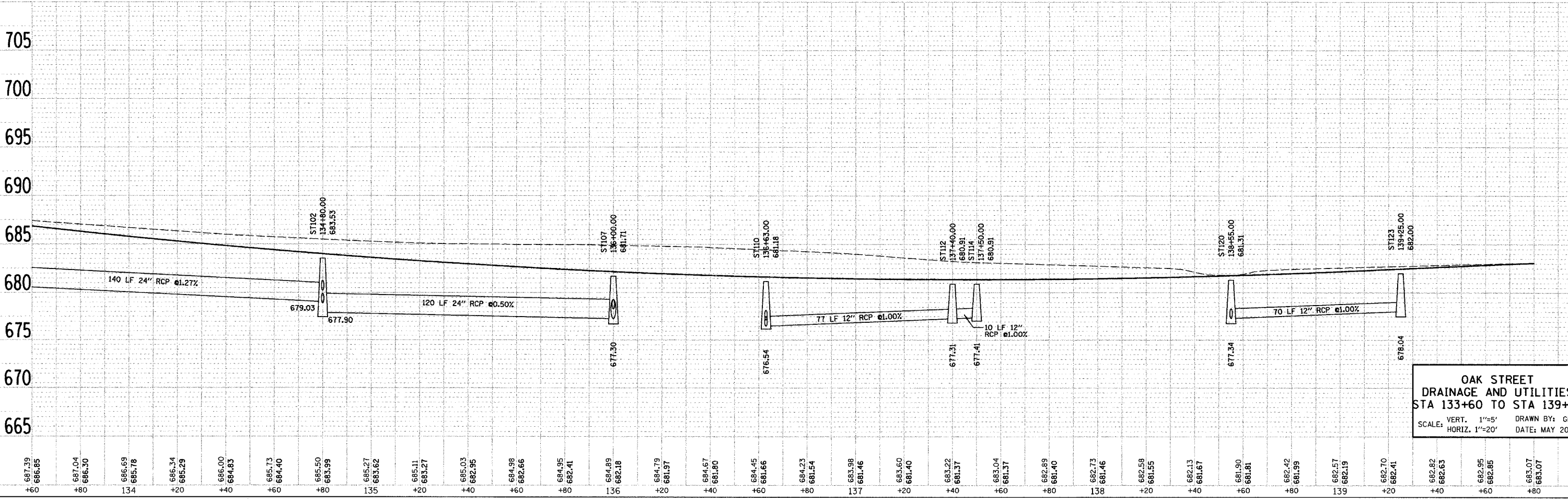
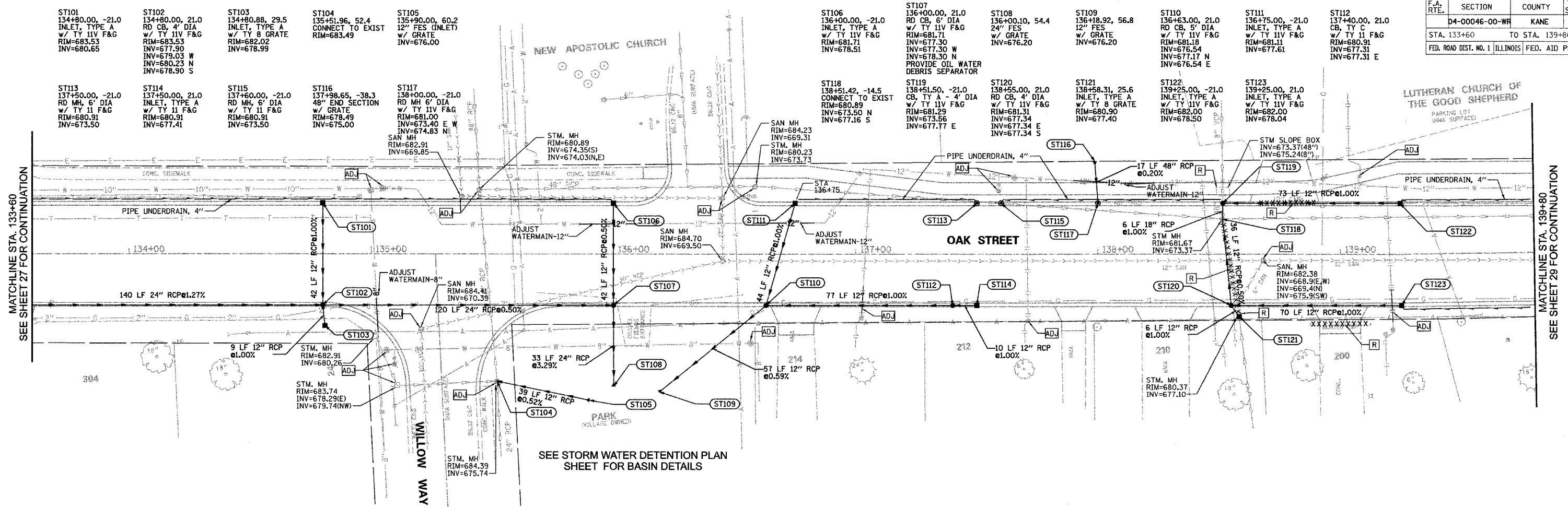
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	28
STA. 133+60		TO STA. 139+80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
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DATE	BY
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MATCHLINE STA. 133+60
SEE SHEET 27 FOR CONTINUATION

MATCHLINE STA. 139+80
SEE SHEET 29 FOR CONTINUATION

SEE STORM WATER DETENTION PLAN SHEET FOR BASIN DETAILS

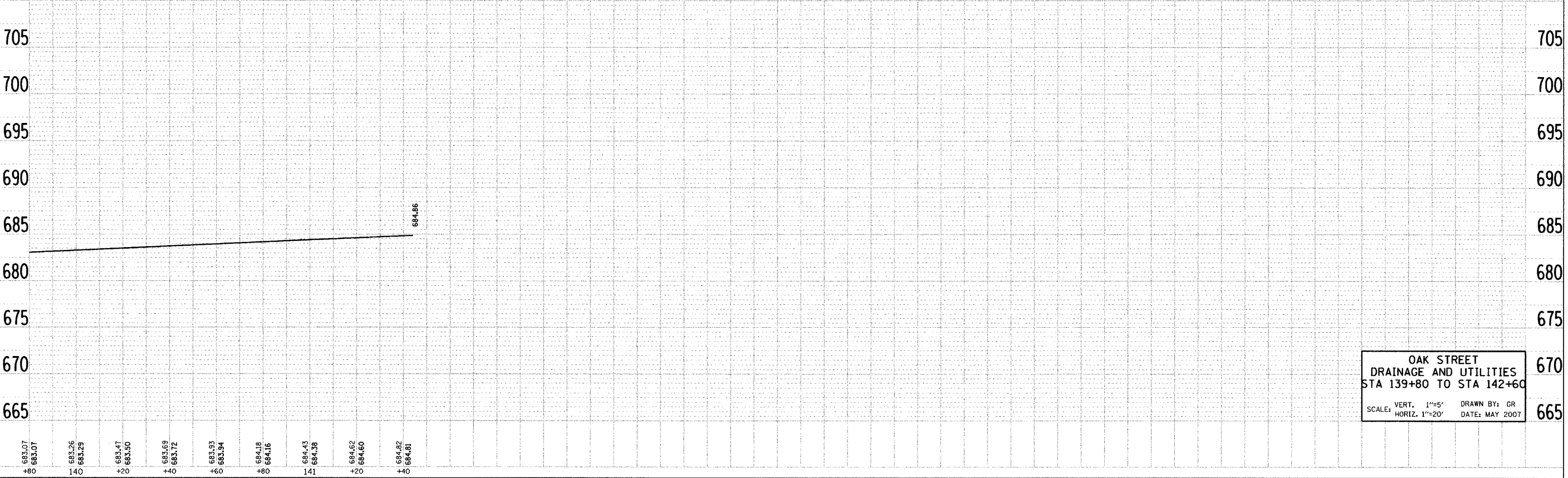
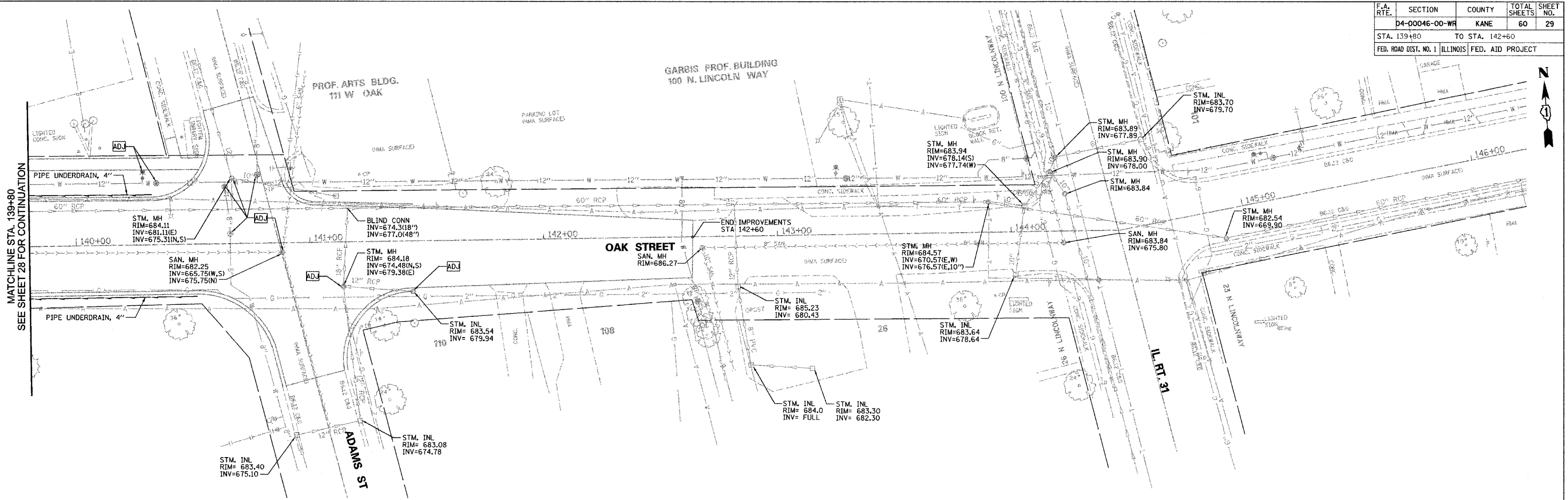
OAK STREET DRAINAGE AND UTILITIES
 STA 133+60 TO STA 139+80
 SCALE: VERT. 1"=5' DRAWN BY: GR DATE: MAY 2007
 HORIZ. 1"=20'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	29
STA. 139+80		TO STA. 142+60		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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**OAK STREET
 DRAINAGE AND UTILITIES
 STA 139+80 TO STA 142+60**
 SCALE: VERT. 1"=5' DRAWN BY: GR
 HORIZ. 1"=20' DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	30
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

BY: _____ DATE: _____

PLAN

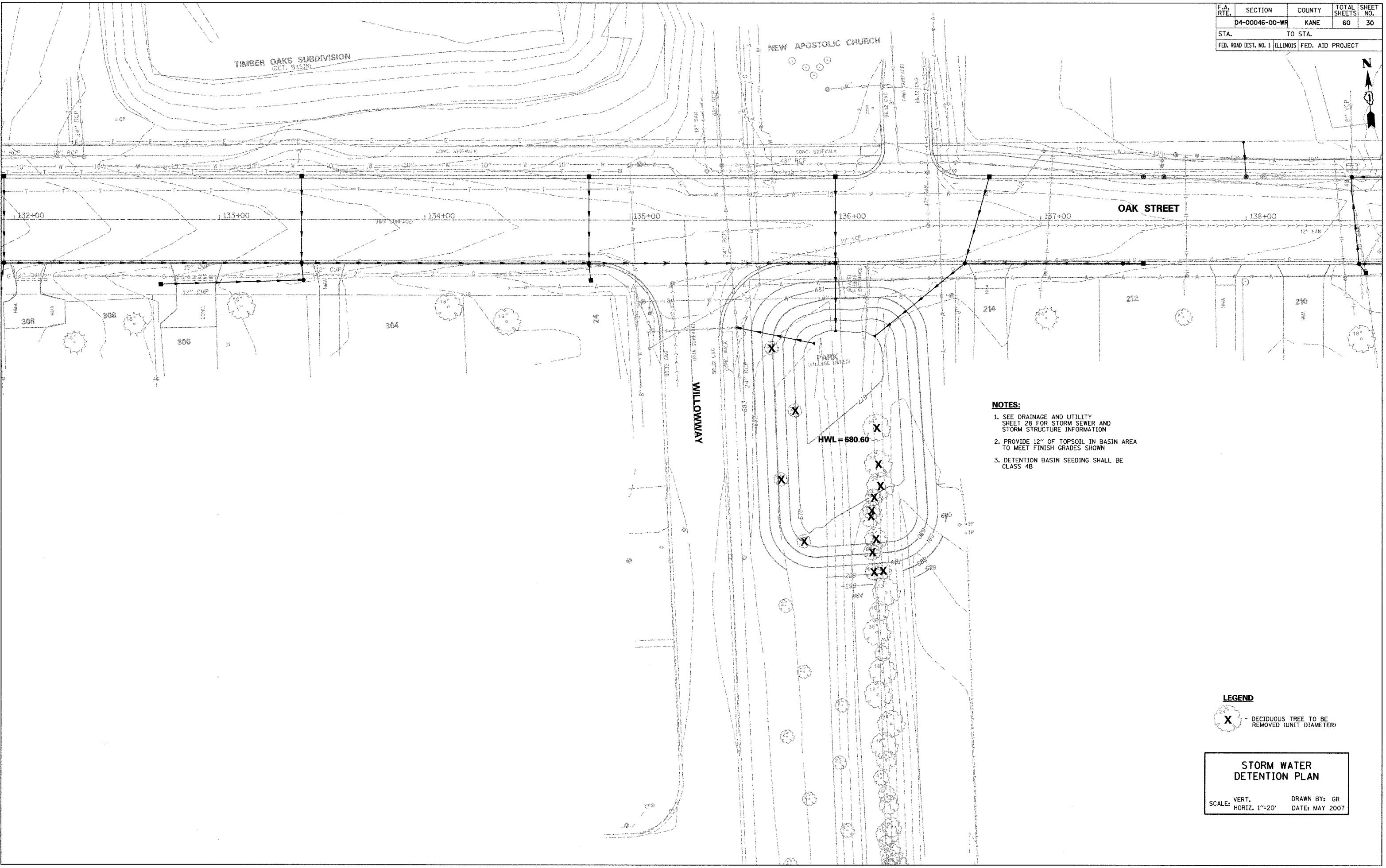
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PROFILE

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NOTED _____
STRUCTURE NOTATIONS CHECKED _____
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NOTES:

1. SEE DRAINAGE AND UTILITY SHEET 28 FOR STORM SEWER AND STORM STRUCTURE INFORMATION
2. PROVIDE 12" OF TOPSOIL IN BASIN AREA TO MEET FINISH GRADES SHOWN
3. DETENTION BASIN SEEDING SHALL BE CLASS 4B

LEGEND

X - DECIDUOUS TREE TO BE REMOVED (UNIT DIAMETER)

STORM WATER DETENTION PLAN

SCALE: VERT. _____
HORIZ. 1"=20'

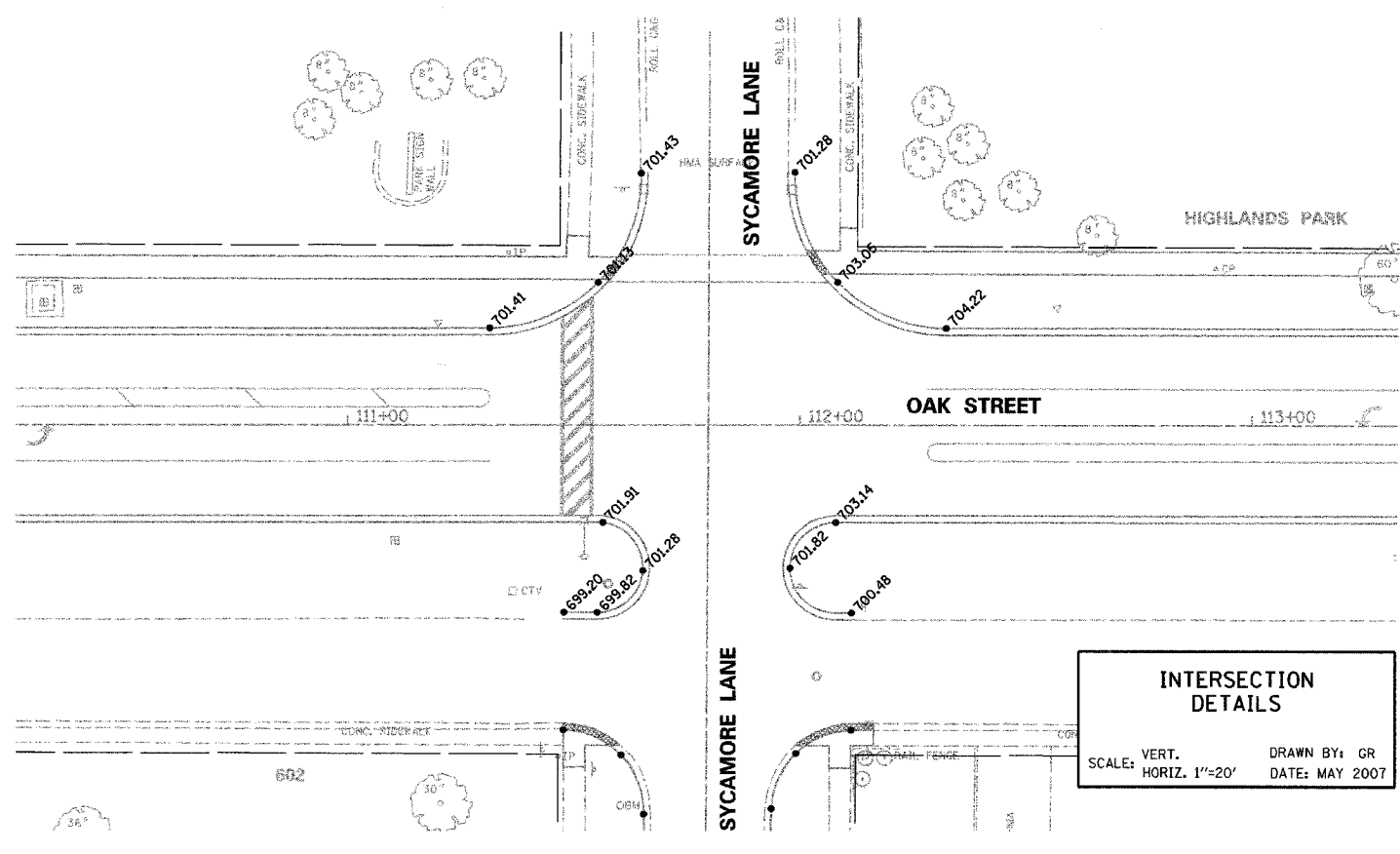
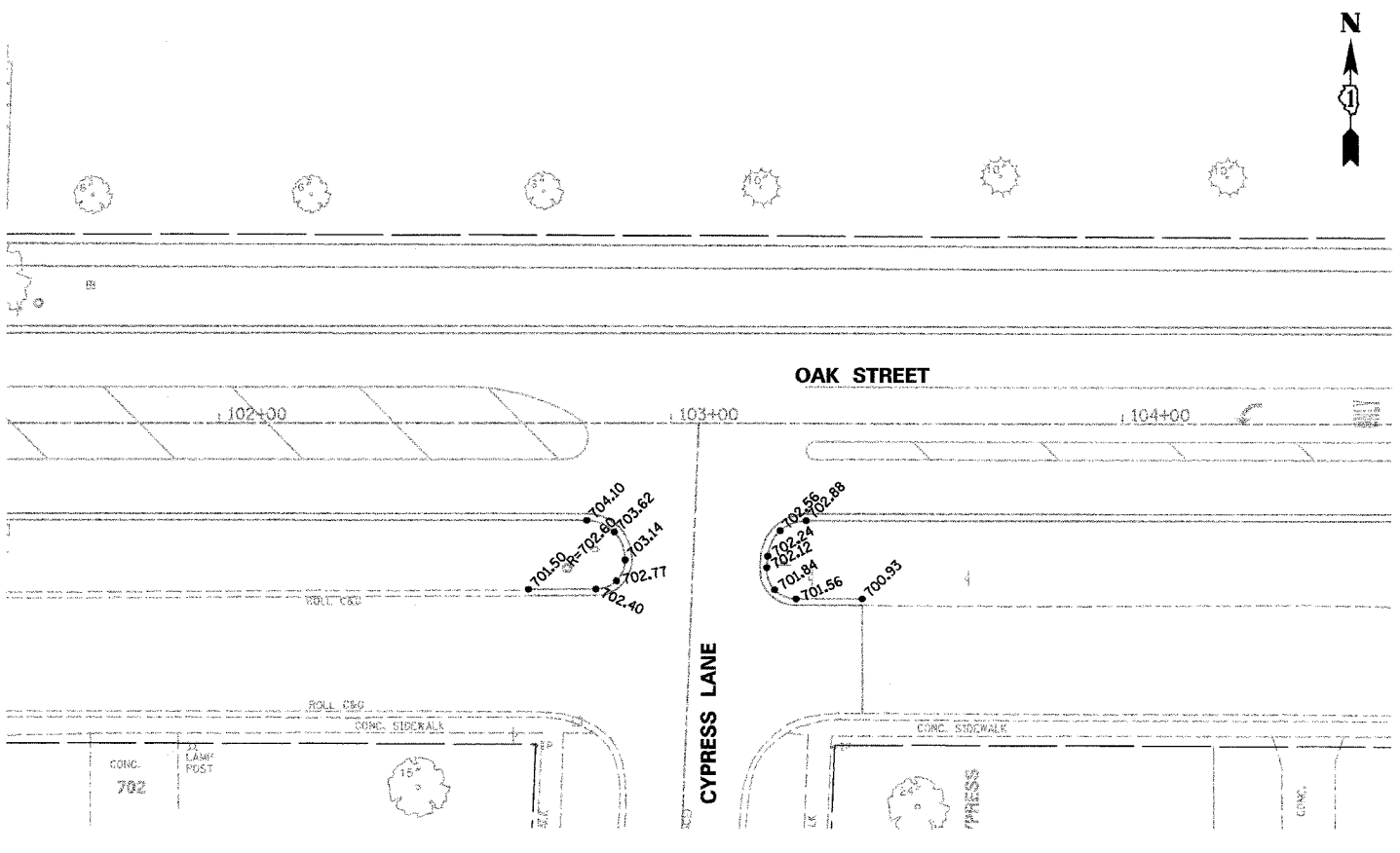
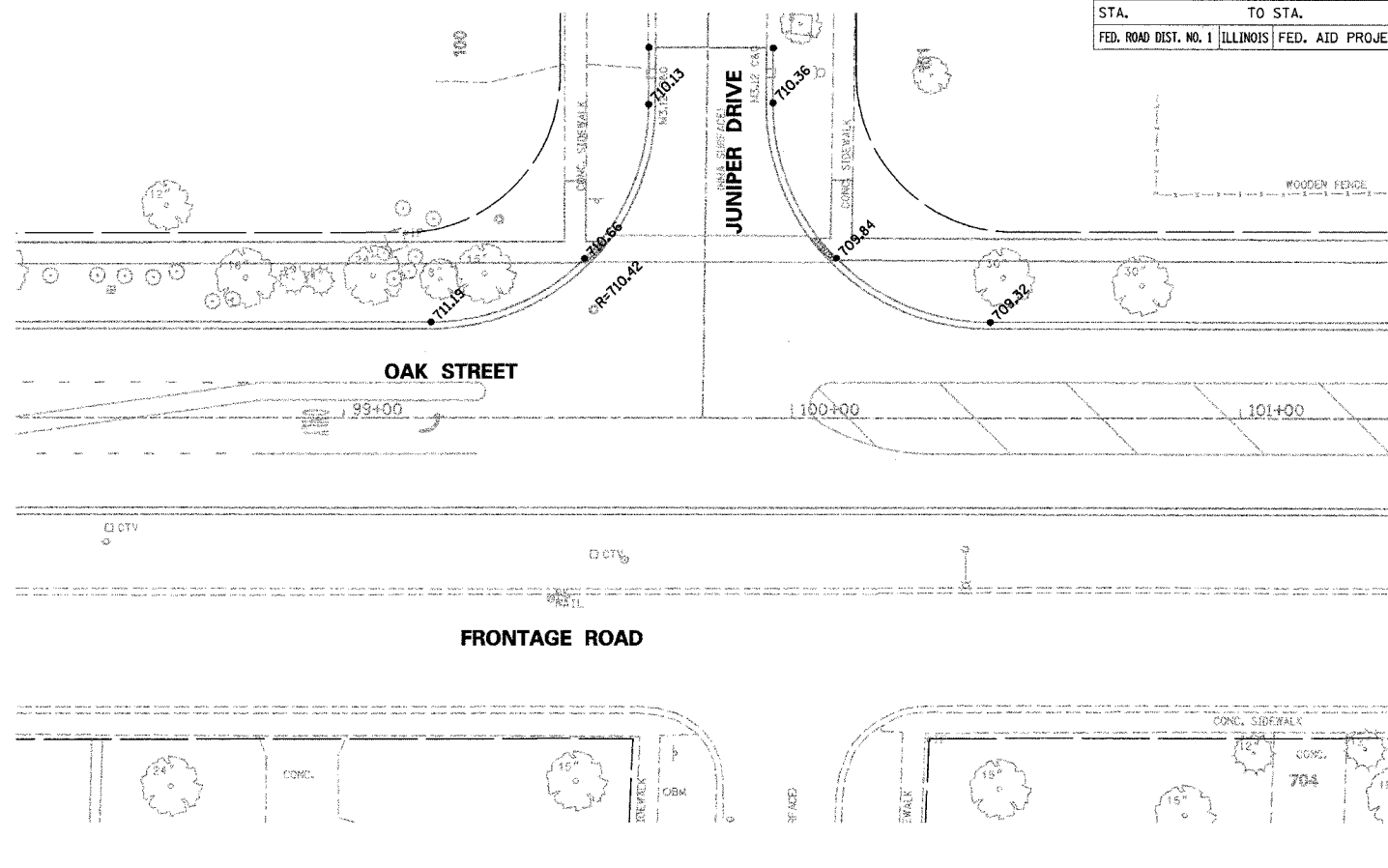
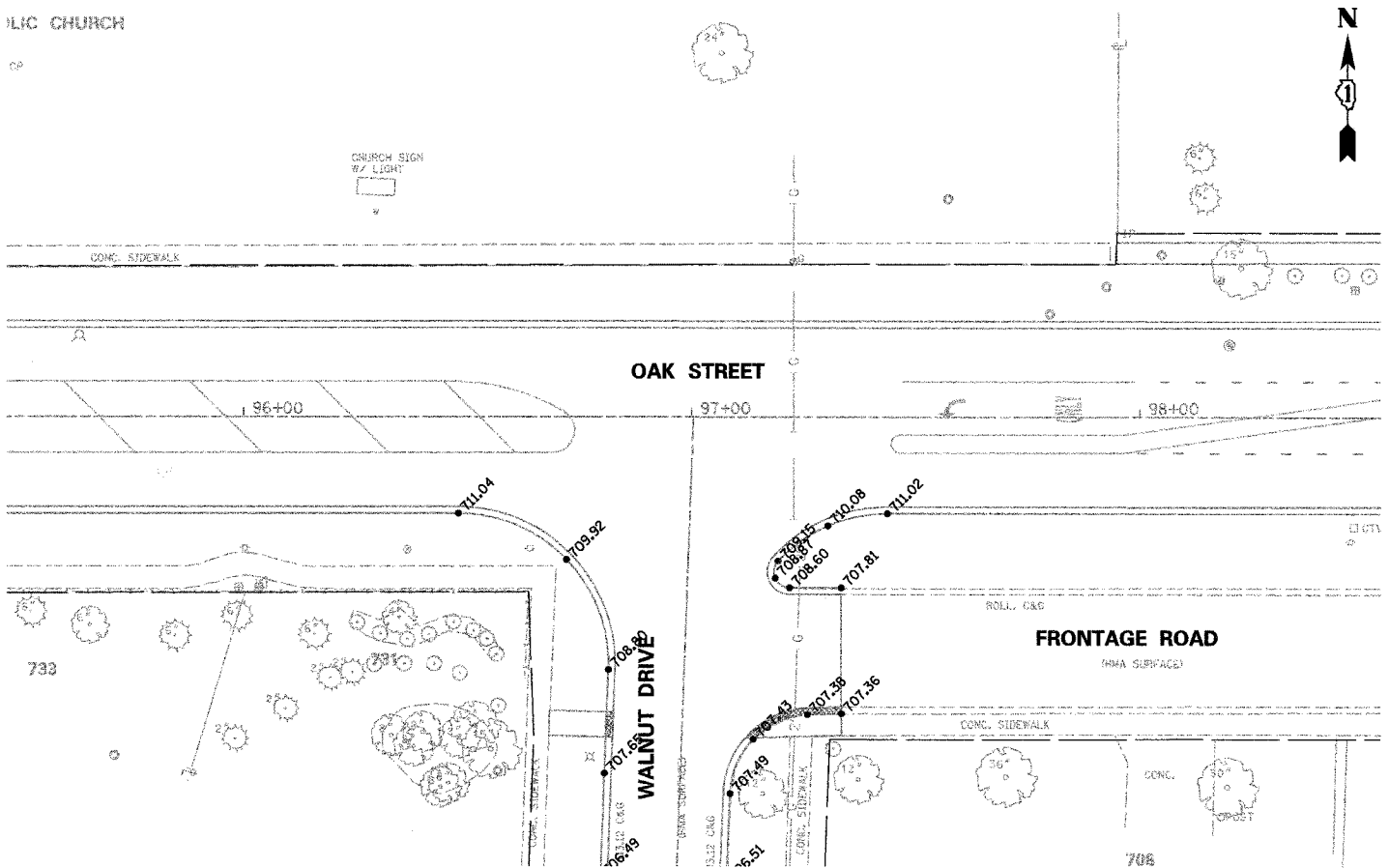
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DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	60	31
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PLAN	DATE
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NOTE BOOK NO.	
FILE NAME	

PROFILE	DATE
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GRADES CHECKED	
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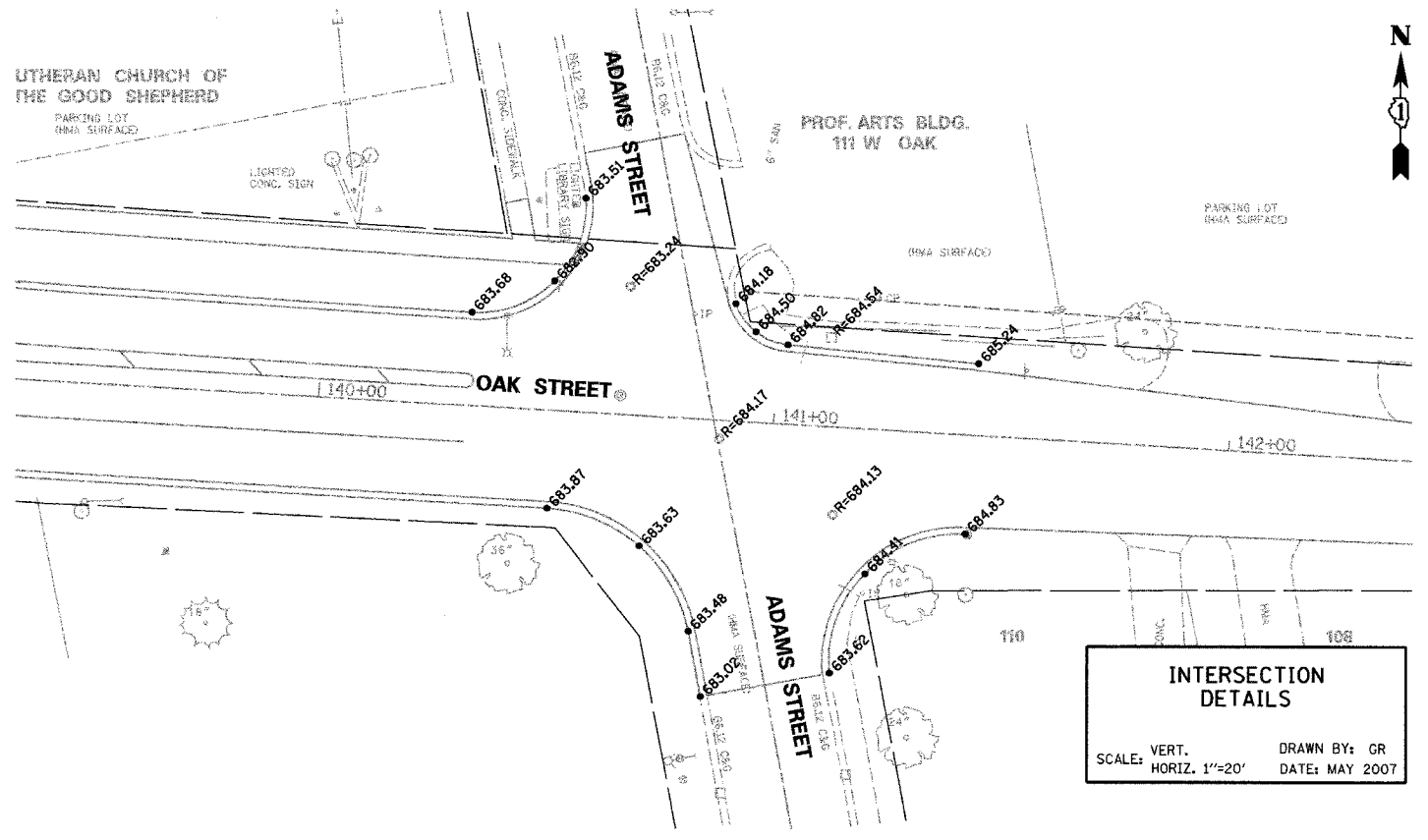
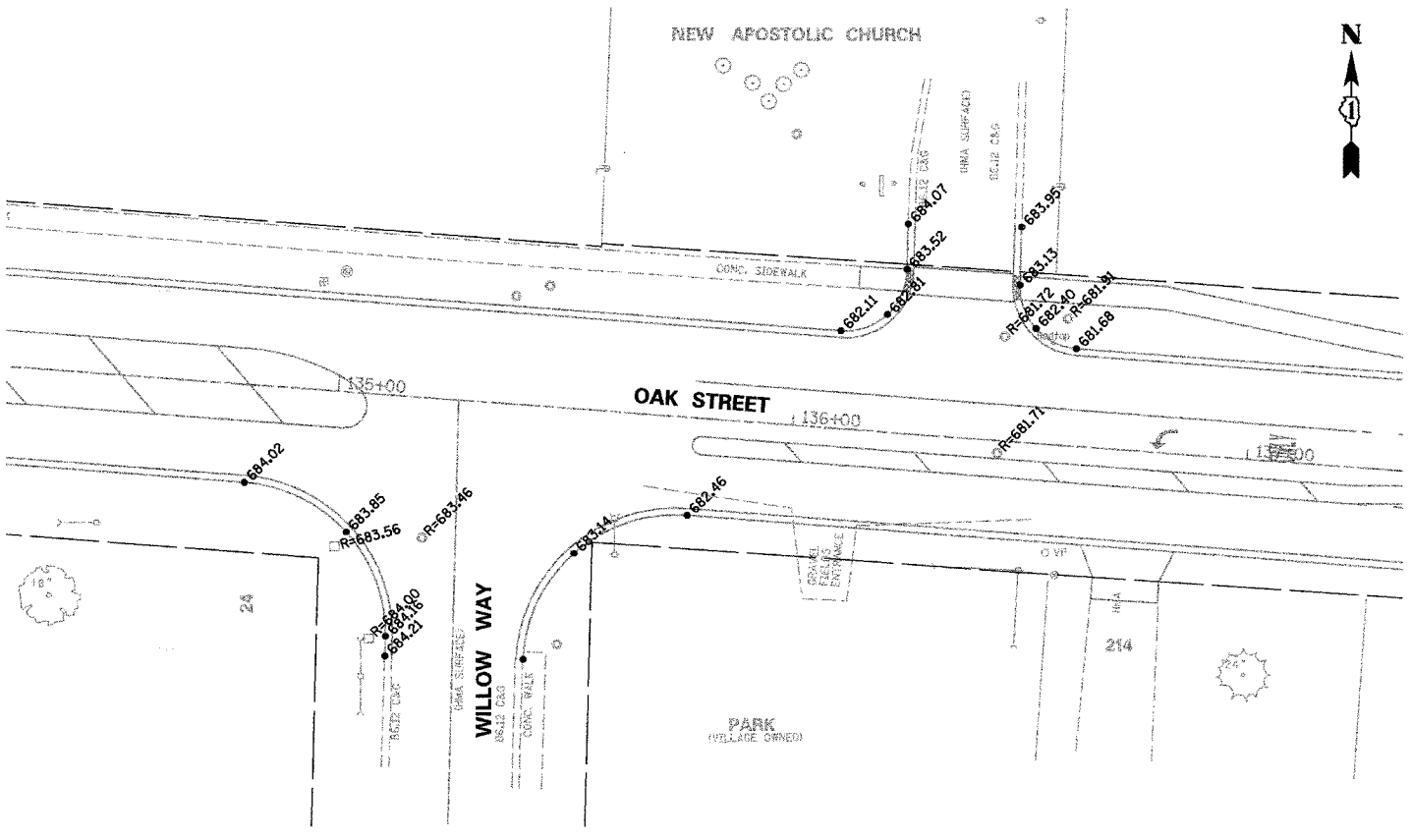
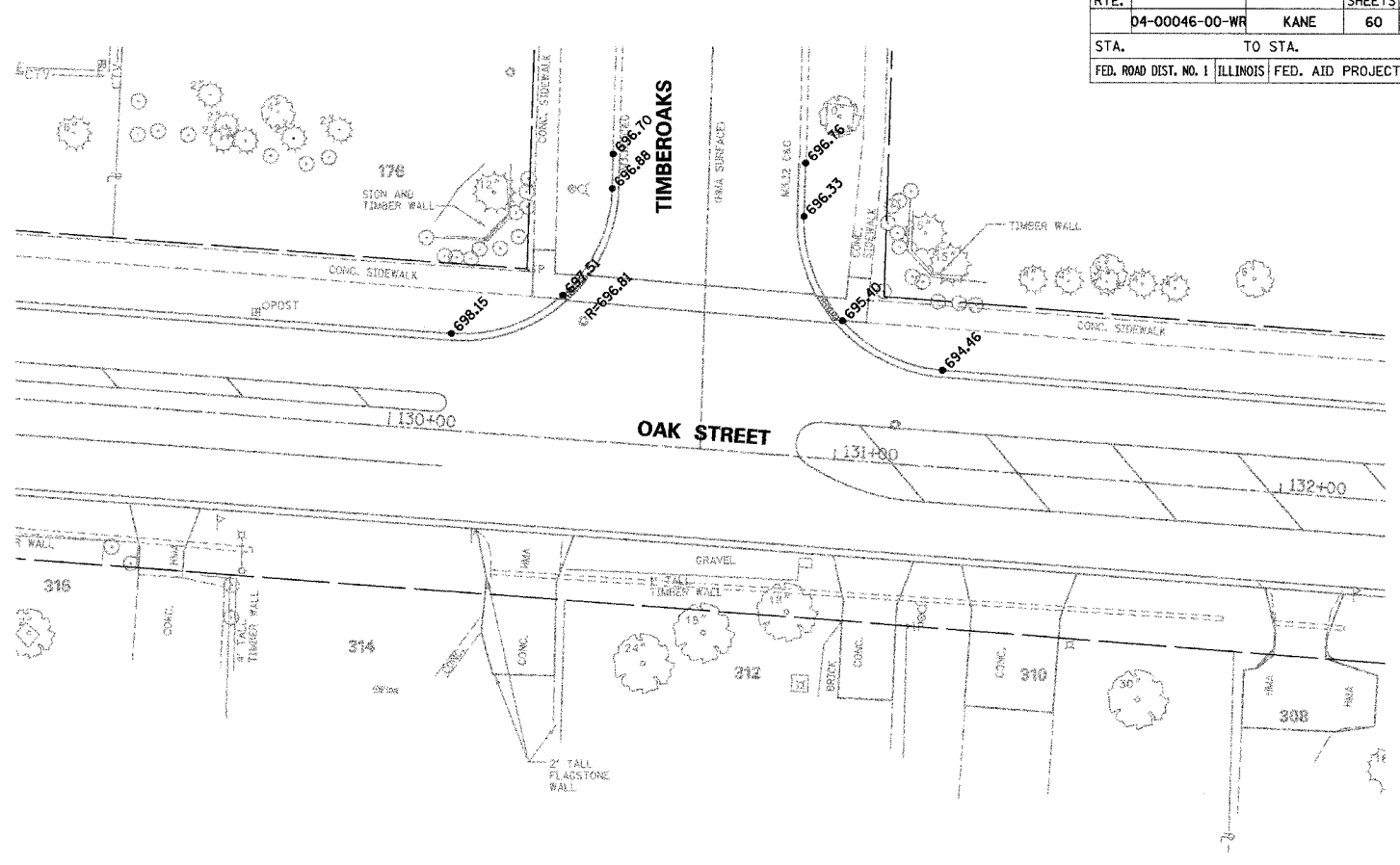
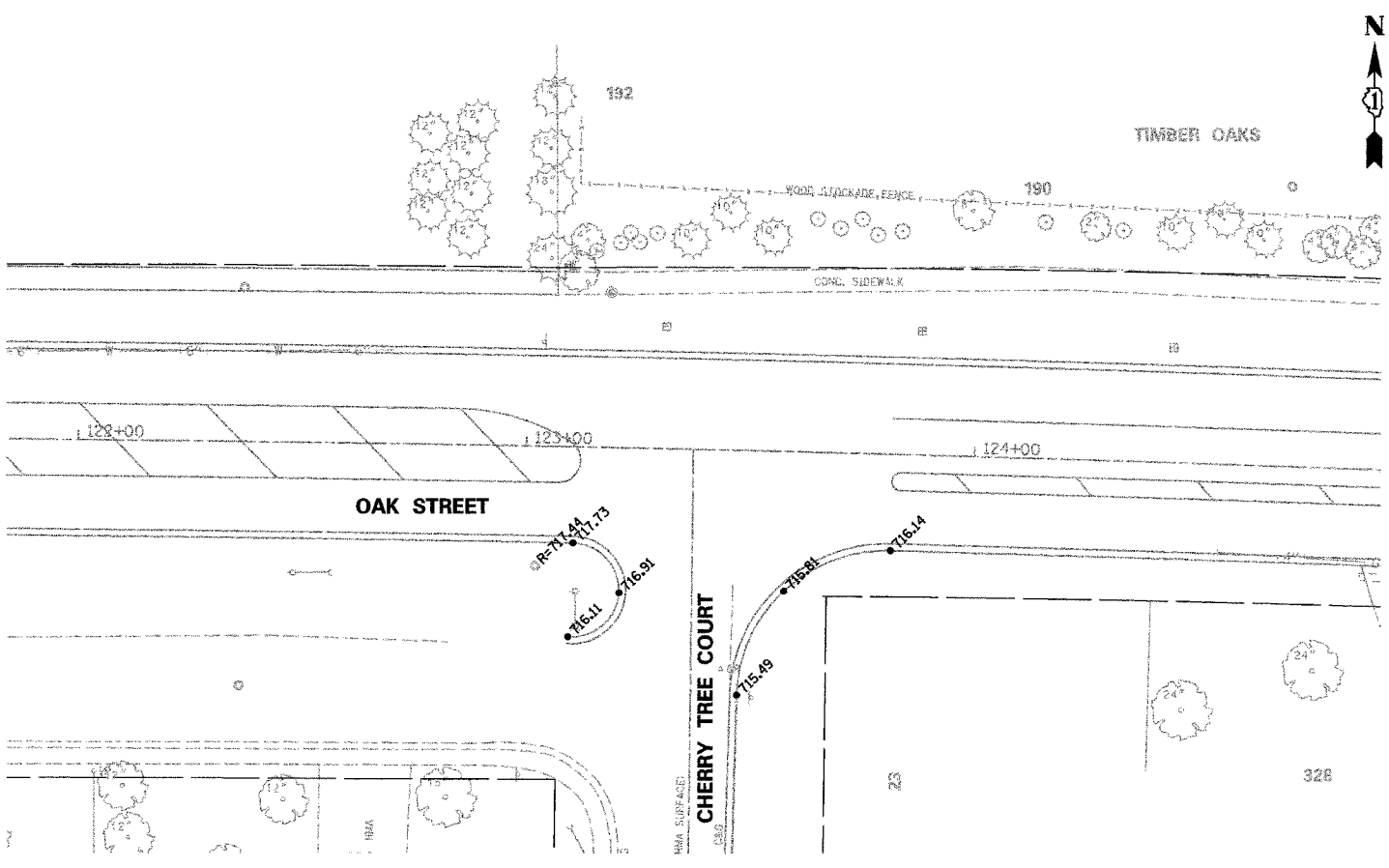
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 HORIZ. 1"=20'
 DRAWN BY: GR
 DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	60	32
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	DATE
SURVEYED	
ALIGNED	
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NOTE BOOK NO.	
FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
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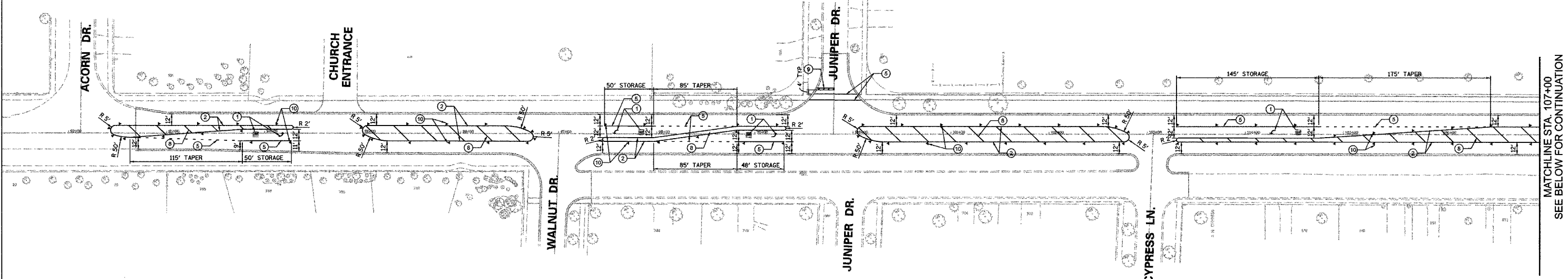


INTERSECTION DETAILS
 SCALE: VERT. HORIZ. 1"=20'
 DRAWN BY: GR
 DATE: MAY 2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	33
STA. 92+68.5		TO STA. 122+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



PLAN	DATE	BY
REVISIONS		
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NO. 2		
NO. 3		
NO. 4		
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NO. 31		
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NO. 34		
NO. 35		
NO. 36		
NO. 37		
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NO. 39		
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NO. 43		
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NO. 59		
NO. 60		

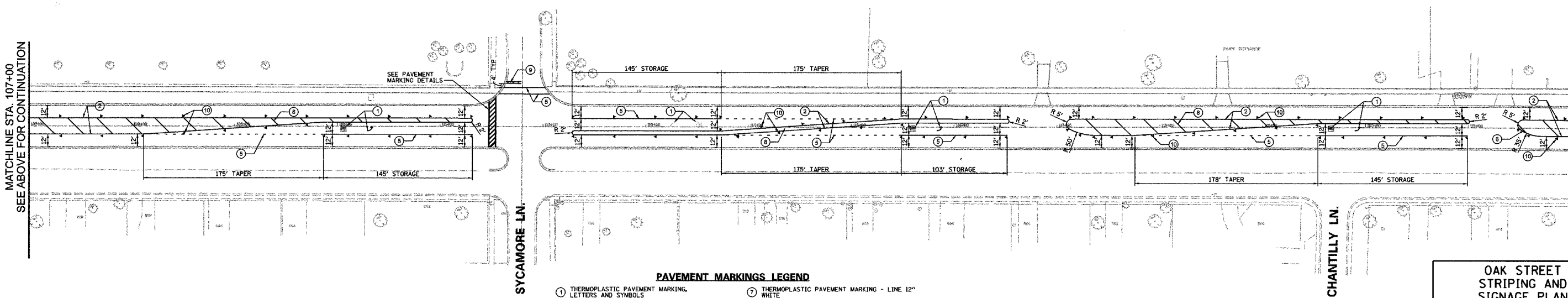


PAVEMENT MARKINGS LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW @ 11" C-C | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW @ 6" C-C FROM YELLOW DASHED | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE |
| ④ PAINT PAVEMENT MARKING - LINE 4" WHITE | ⑩ RECESSED REFLECTIVE PAVEMENT MARKER, ONE WAY @ 40' C-C |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE | ⑪ RECESSED REFLECTIVE PAVEMENT MARKER, TWO WAY @ 40' C-C |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE | |

MATCHLINE STA. 107+00
SEE BELOW FOR CONTINUATION

PROFILE	DATE	BY
REVISIONS		
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		
NO. 11		
NO. 12		
NO. 13		
NO. 14		
NO. 15		
NO. 16		
NO. 17		
NO. 18		
NO. 19		
NO. 20		
NO. 21		
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NO. 25		
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NO. 50		
NO. 51		
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NO. 53		
NO. 54		
NO. 55		
NO. 56		
NO. 57		
NO. 58		
NO. 59		
NO. 60		



PAVEMENT MARKINGS LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW @ 11" C-C | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW @ 6" C-C FROM YELLOW DASHED | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE |
| ④ PAINT PAVEMENT MARKING - LINE 4" WHITE | ⑩ RECESSED REFLECTIVE PAVEMENT MARKER, ONE WAY @ 40' C-C |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE | ⑪ RECESSED REFLECTIVE PAVEMENT MARKER, TWO WAY @ 40' C-C |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE | |

OAK STREET STRIPING AND SIGNAGE PLAN

SCALE: VERT. _____ HORIZ. 1"=50'

DRAWN BY: CR
DATE: MAY 2007

MATCHLINE STA. 107+00
SEE ABOVE FOR CONTINUATION

MATCHLINE STA. 122+00
SEE SHEET 34 FOR CONTINUATION



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	34
STA. 122+00		TO STA. 142+60		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 122+00
SEE SHEET 33 FOR CONTINUATION

CHERRY TREE CT.

TIMBEROAKS

WILLOW WAY

MATCHLINE STA. 137+00
SEE BELOW FOR CONTINUATION



PAVEMENT MARKINGS LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW @ 11" C-C | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW @ 6" C-C FROM YELLOW DASHED | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE |
| ④ PAINT PAVEMENT MARKING - LINE 4" WHITE | ⑩ RECESSED REFLECTIVE PAVEMENT MARKER, ONE WAY @ 40' C-C |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE | ⑪ RECESSED REFLECTIVE PAVEMENT MARKER, TWO WAY @ 40' C-C |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE | |

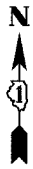
MATCHLINE STA. 137+00
SEE ABOVE FOR CONTINUATION

ADAMS ST.

ADAMS ALLEY

LINCOLNWAY
(RT. 311)

MONROE ALLEY



PAVEMENT MARKINGS LEGEND

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW @ 11" C-C | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW @ 6" C-C FROM YELLOW DASHED | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE |
| ④ PAINT PAVEMENT MARKING - LINE 4" WHITE | ⑩ RECESSED REFLECTIVE PAVEMENT MARKER, ONE WAY @ 40' C-C |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE | ⑪ RECESSED REFLECTIVE PAVEMENT MARKER, TWO WAY @ 40' C-C |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE | |

OAK STREET STRIPING AND SIGNAGE PLAN

SCALE: VERT. _____ DRAWN BY: GR
HORIZ. 1"=50' DATE: MAY 2007

PLAN	DATE
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY	
CHECKED	
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NO.	
NO.	

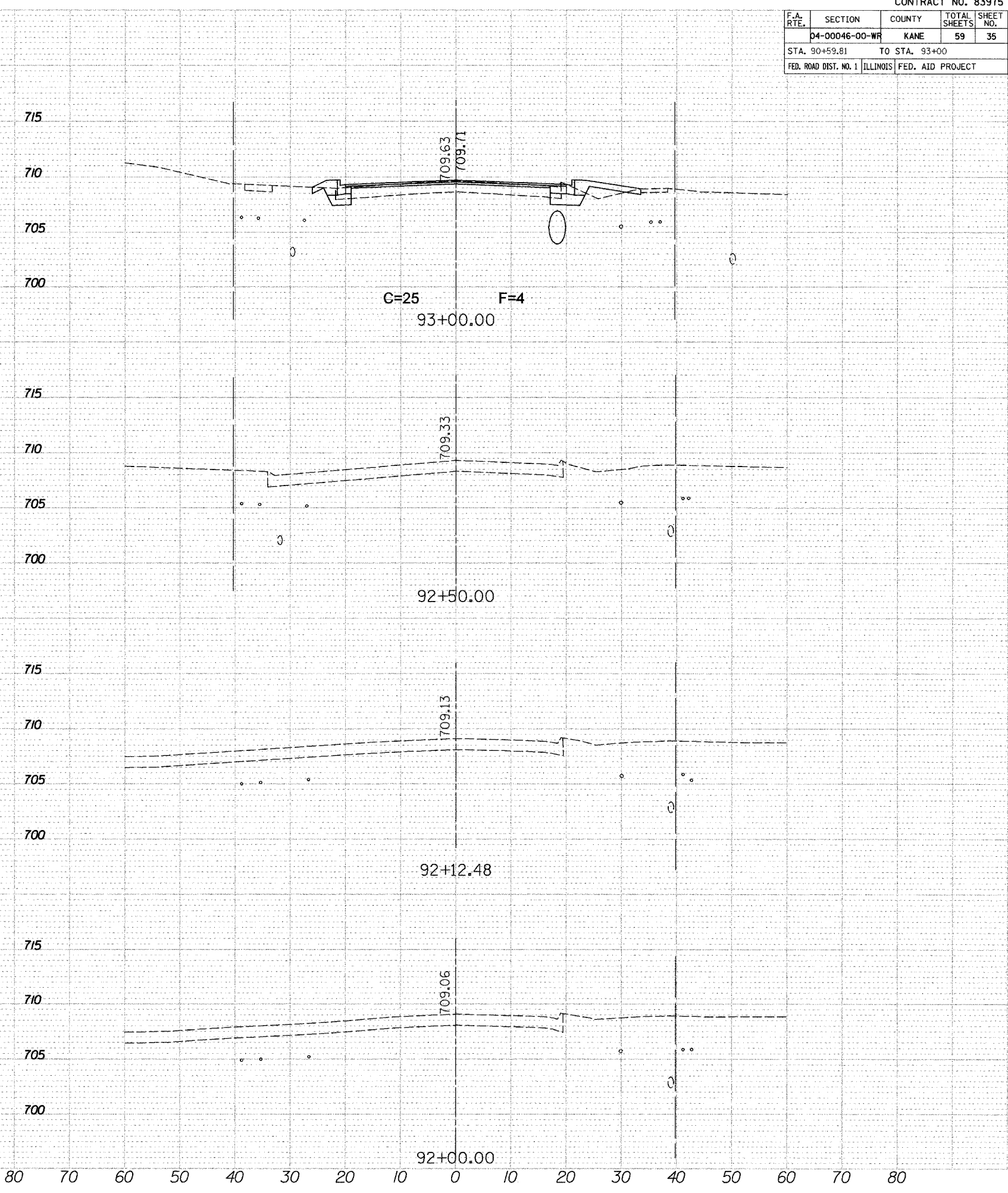
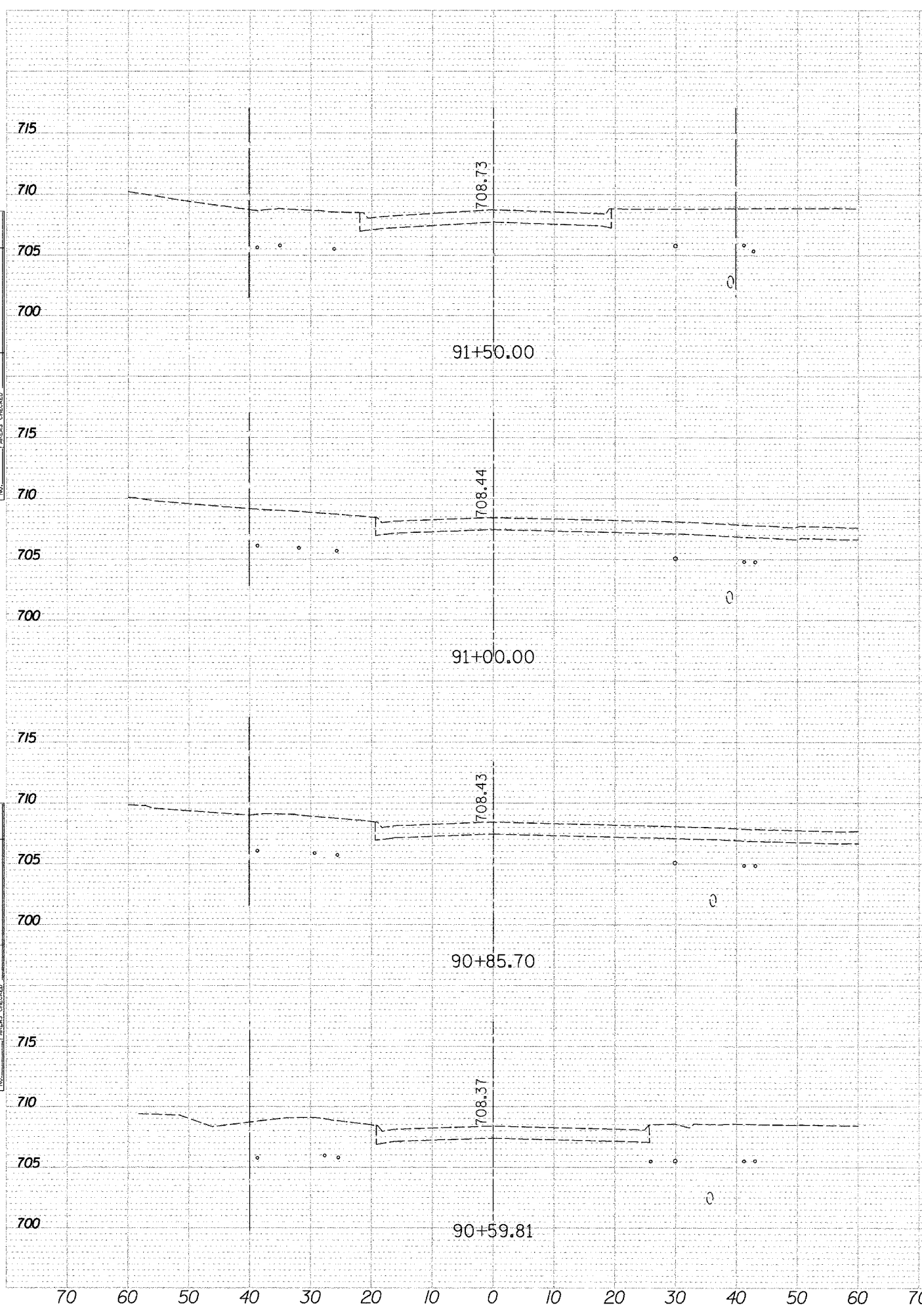
PROFILE	DATE
BY	
SURVEYED	
GRADES	
CHECKED	
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NO.	
NO.	

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USER NAME = -USER-

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	35
STA. 90+59.81		TO STA. 93+00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SURVEYED	NO.
PLOTTED	
TEMPLATE	
AREAS CHECKED	

SURVEYED	NO.
PLOTTED	
TEMPLATE	
AREAS CHECKED	



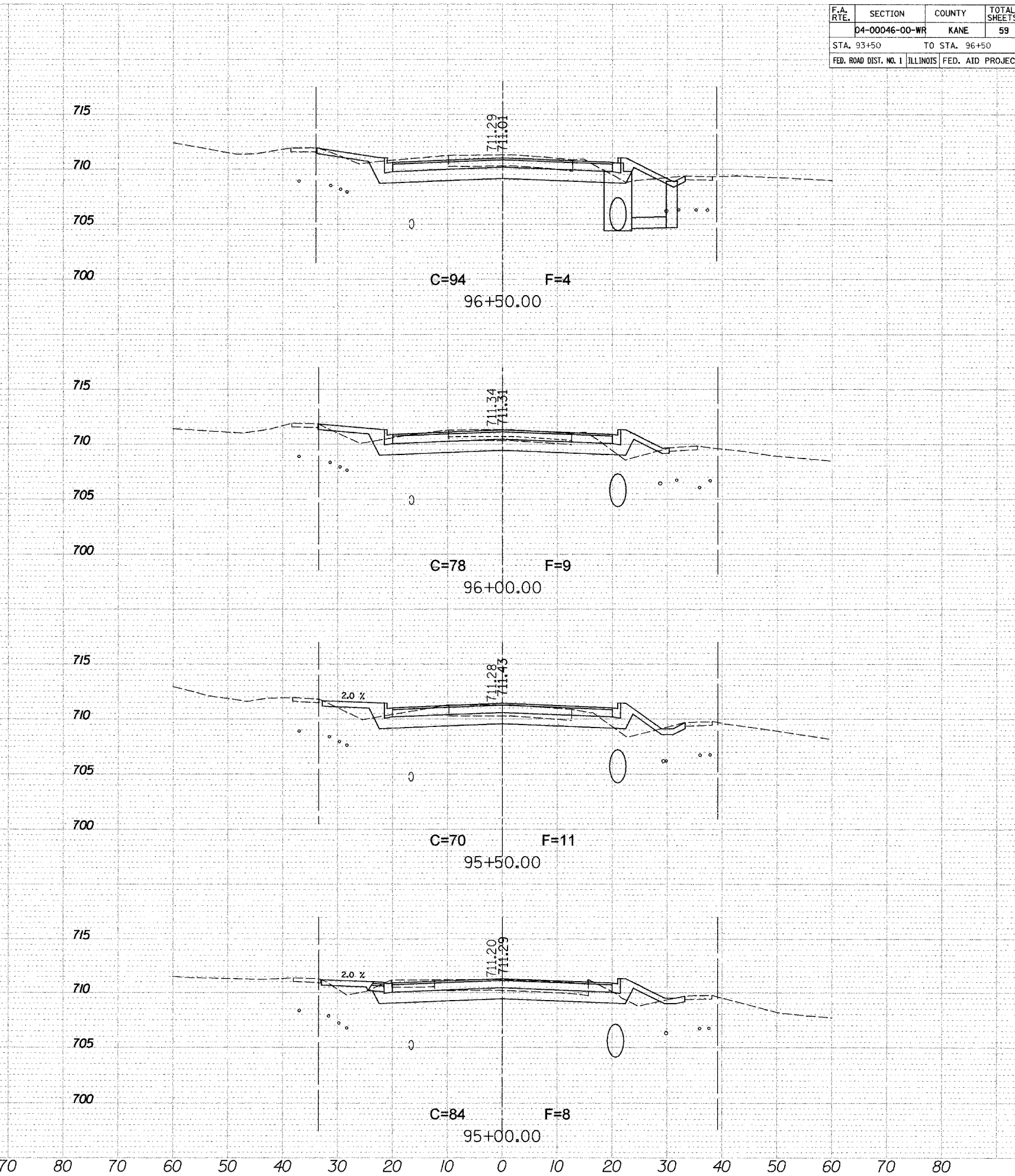
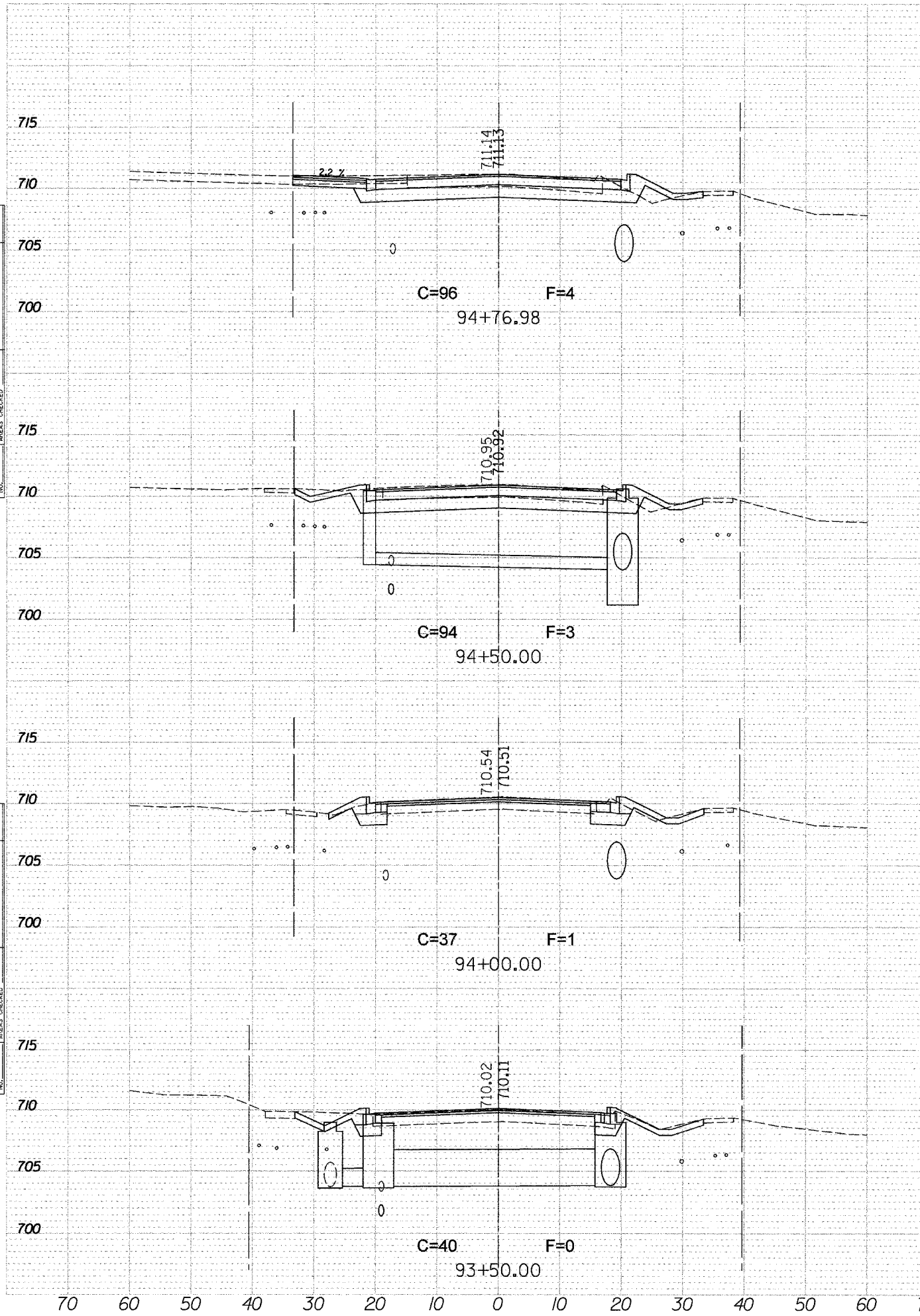
PLOT DATE = 8/30/2007
 PLOT SCALE = 1" = 40'
 PLOT NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	36
STA. 93+50		TO STA. 96+50		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = 8/30/2007
 USER NAME = JUSER

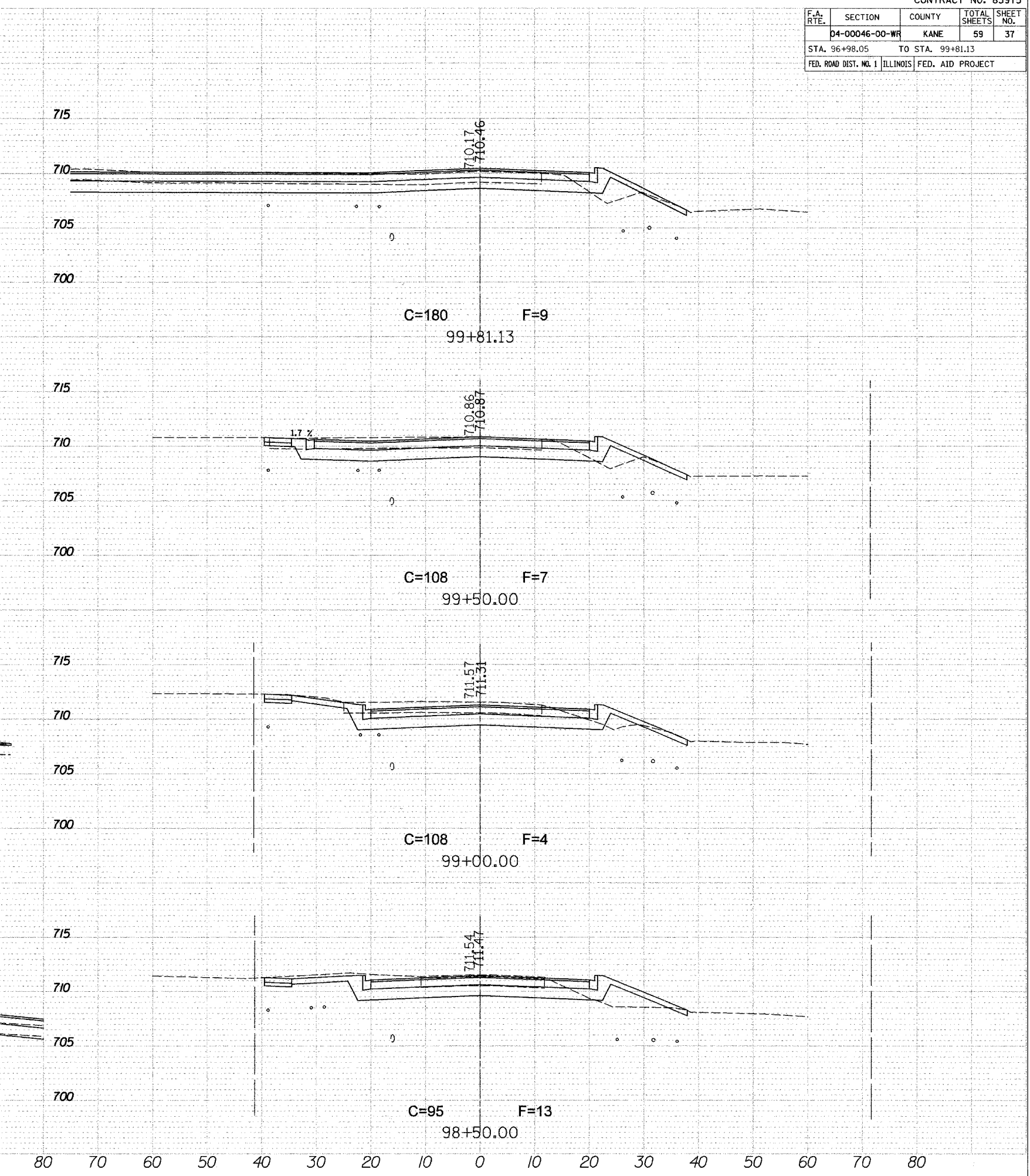
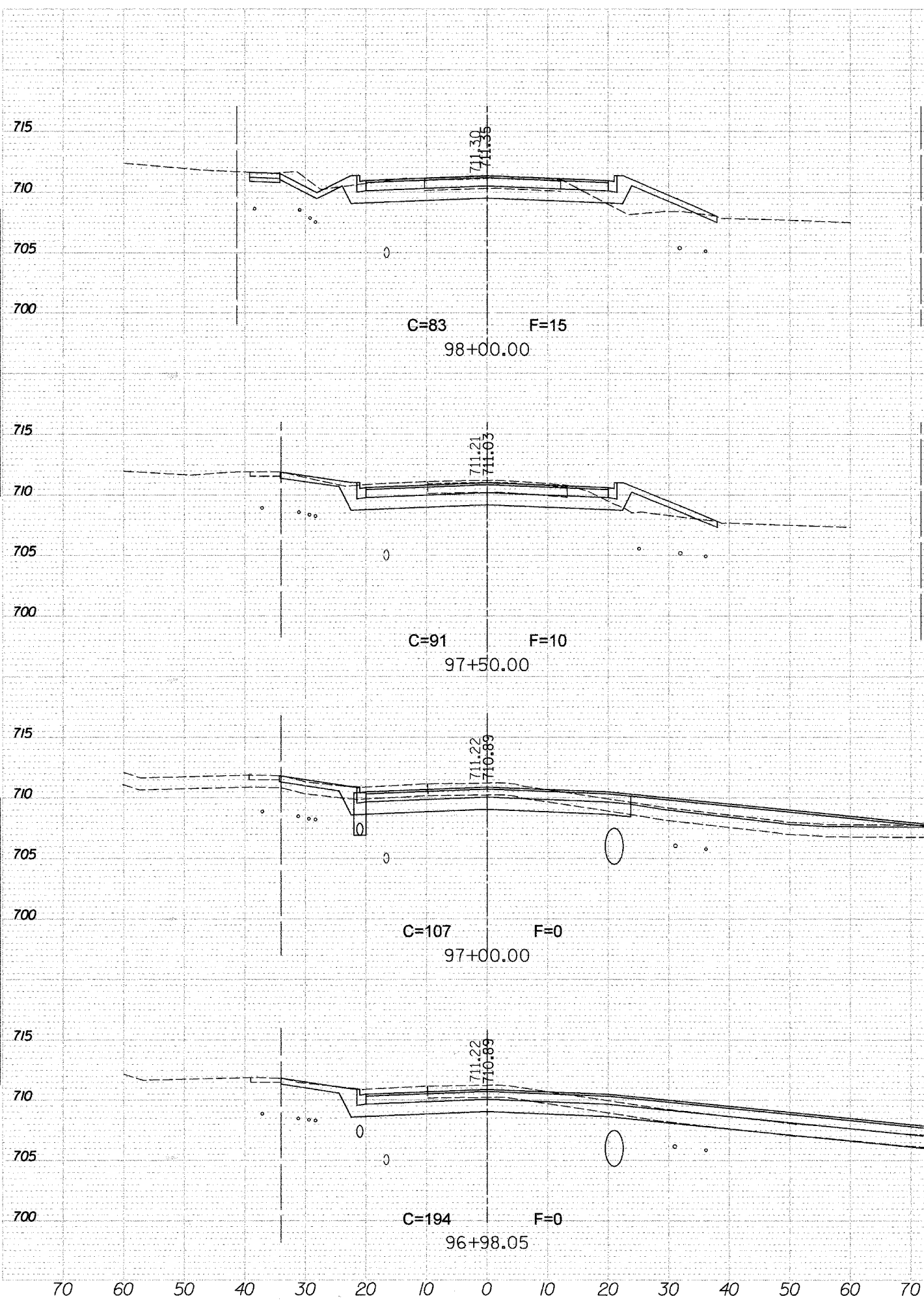


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00046-00-WR		KANE	59	37
STA. 96+98.05		TO STA. 99+81.13		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

NO.
NO.
NO.
NO.

NO.
NO.
NO.
NO.

UNUSUAL
FILE NAME
PLOT SCALE
USER NAME



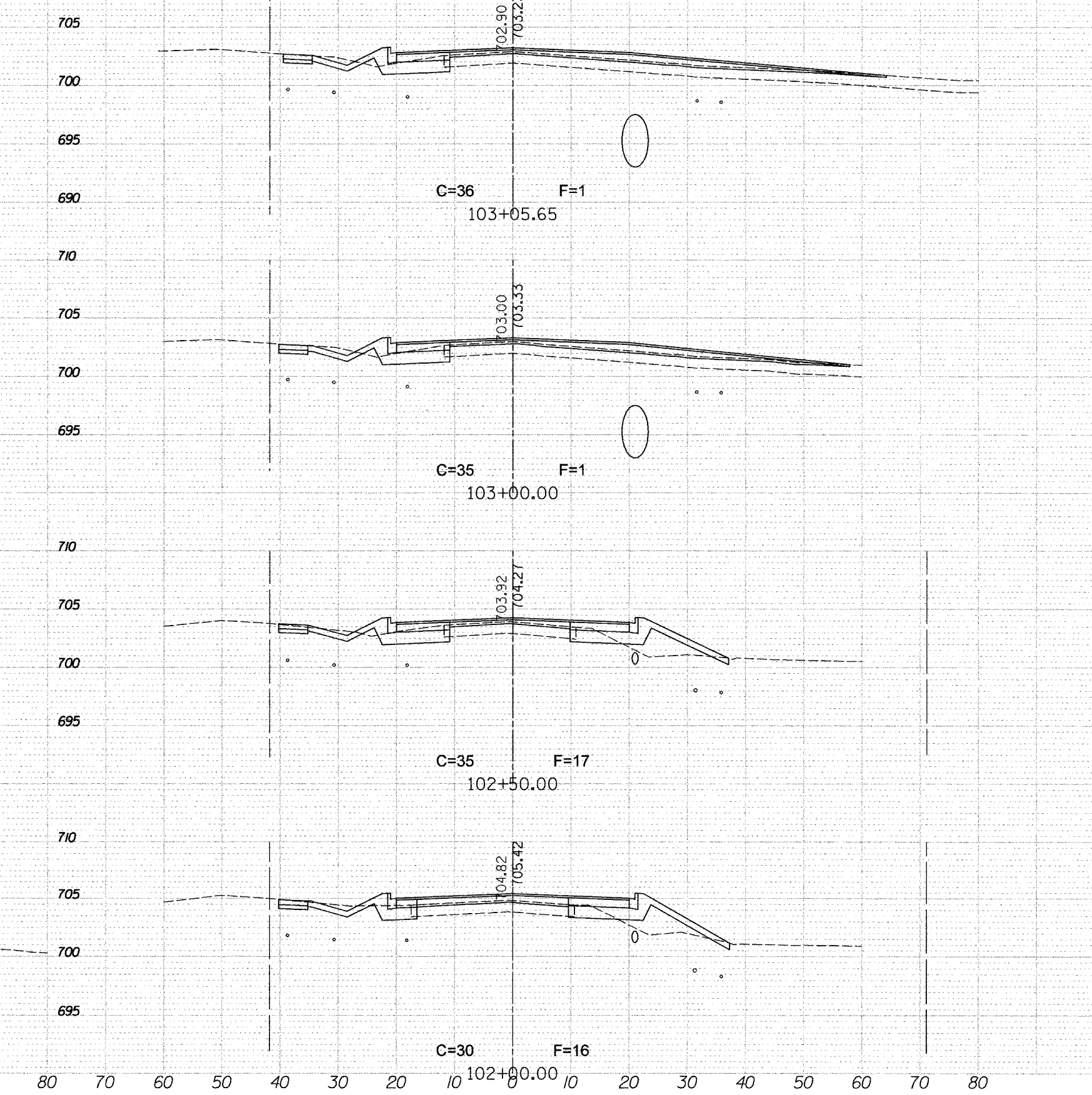
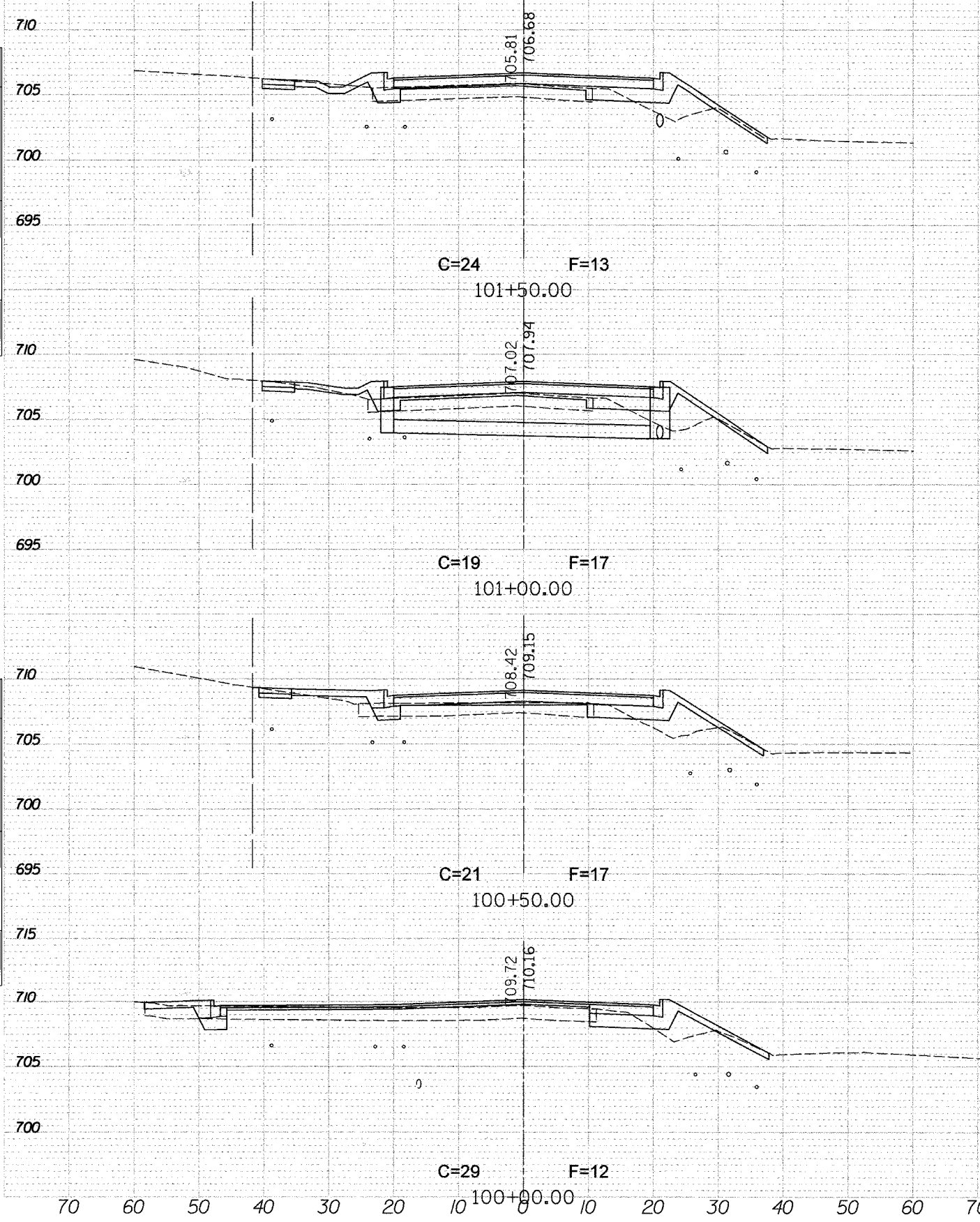
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	38
STA. 100+00		TO STA. 103+05.65		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY CHECKED
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 PLOTTED
 AREAS
 NO. BOOK
 NO. DATE
 AREAS CHECKED

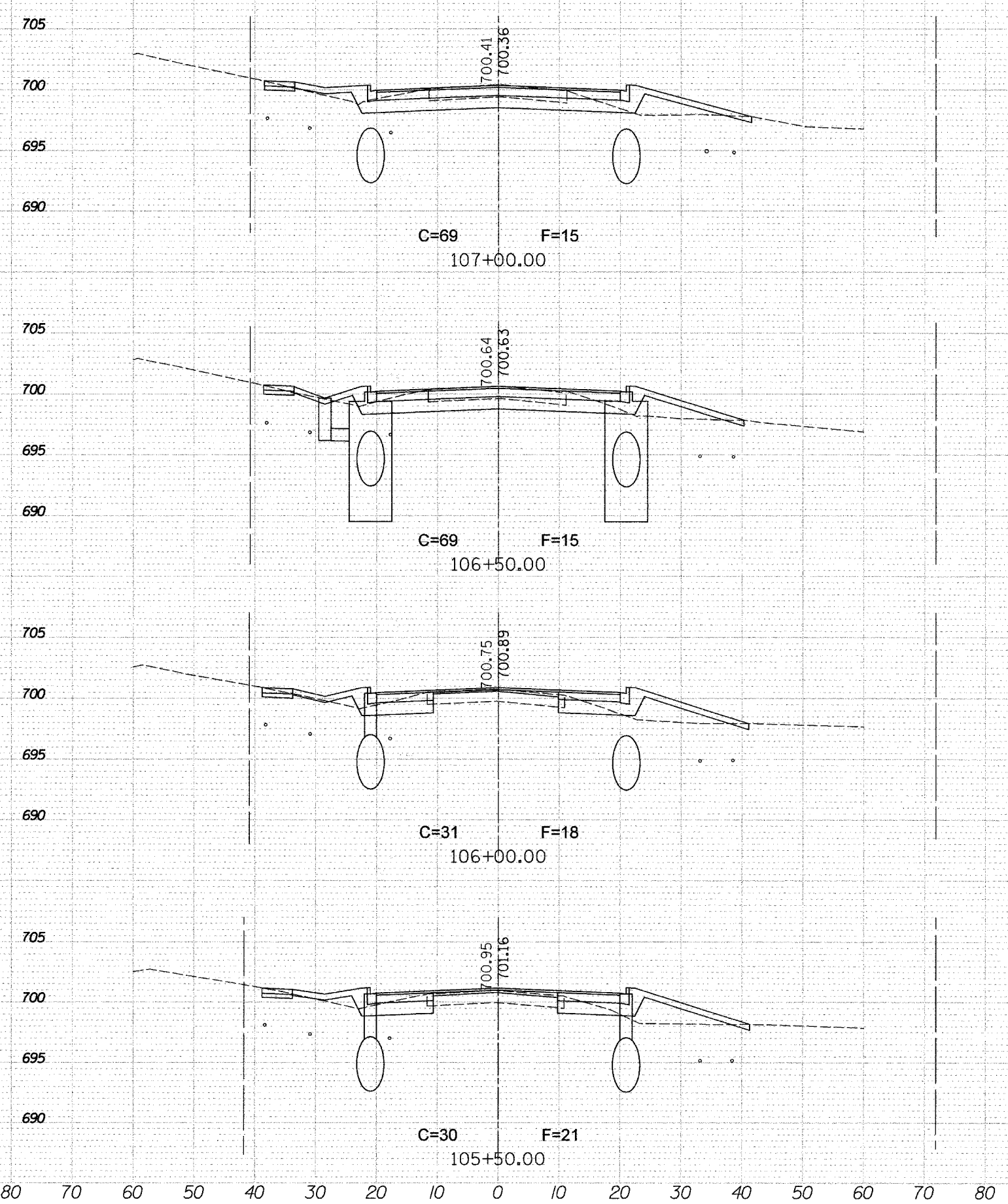
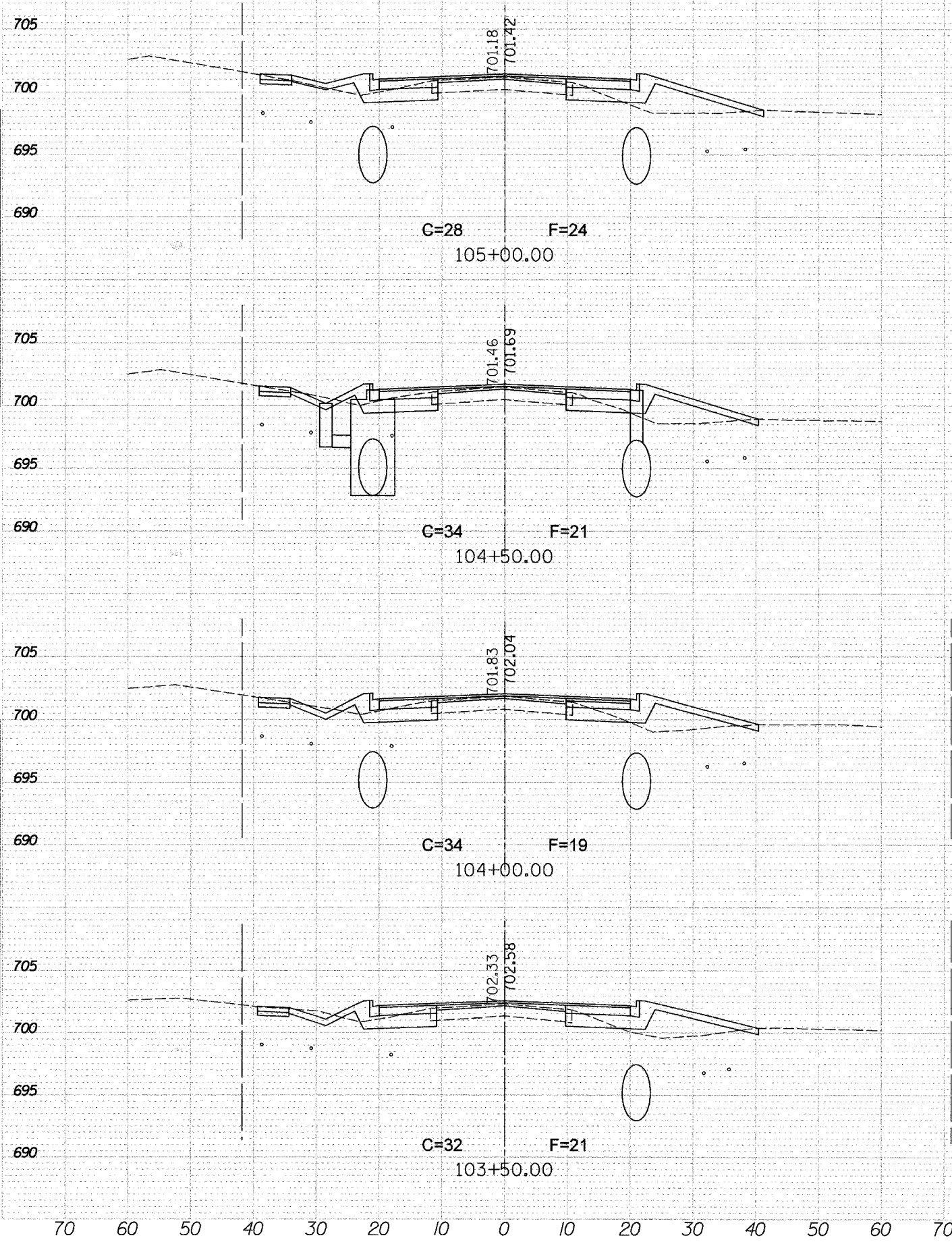
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 SURVEYED
 PLOTTED
 AREAS
 NO. BOOK
 NO. DATE
 AREAS CHECKED

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 USER NAME = USER



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	39
STA. 103+50 TO STA. 107+00			ILLINOIS FED. AID PROJECT	



NO.	AREAS CHECKED	AREA	DATE

NO. _____ SURVEYED _____
NO. _____ PLOTTED _____
NO. _____ NOTE BOOK _____

NO.	AREAS CHECKED	AREA	DATE

NO. _____ SURVEYED _____
NO. _____ PLOTTED _____
NO. _____ NOTE BOOK _____

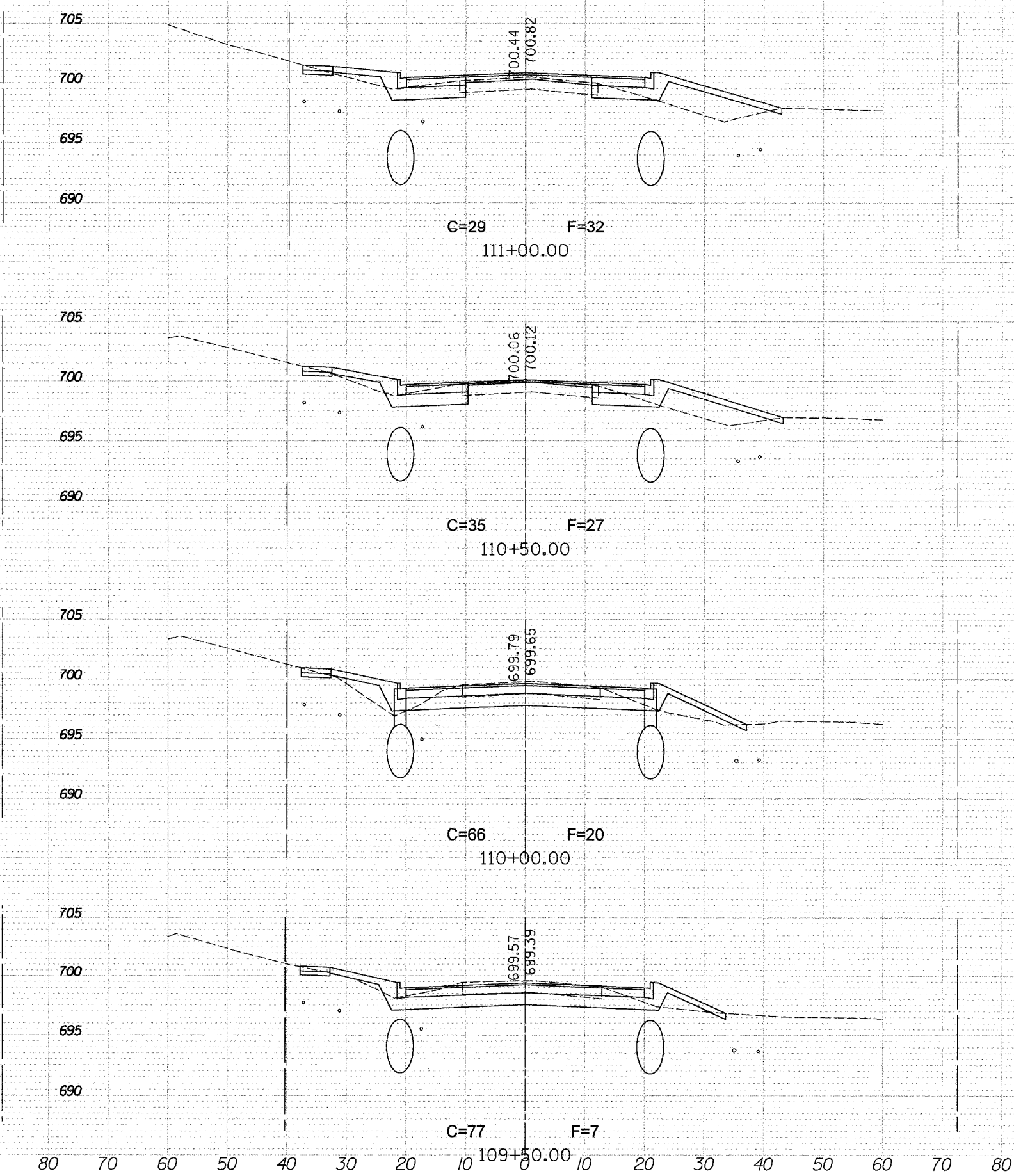
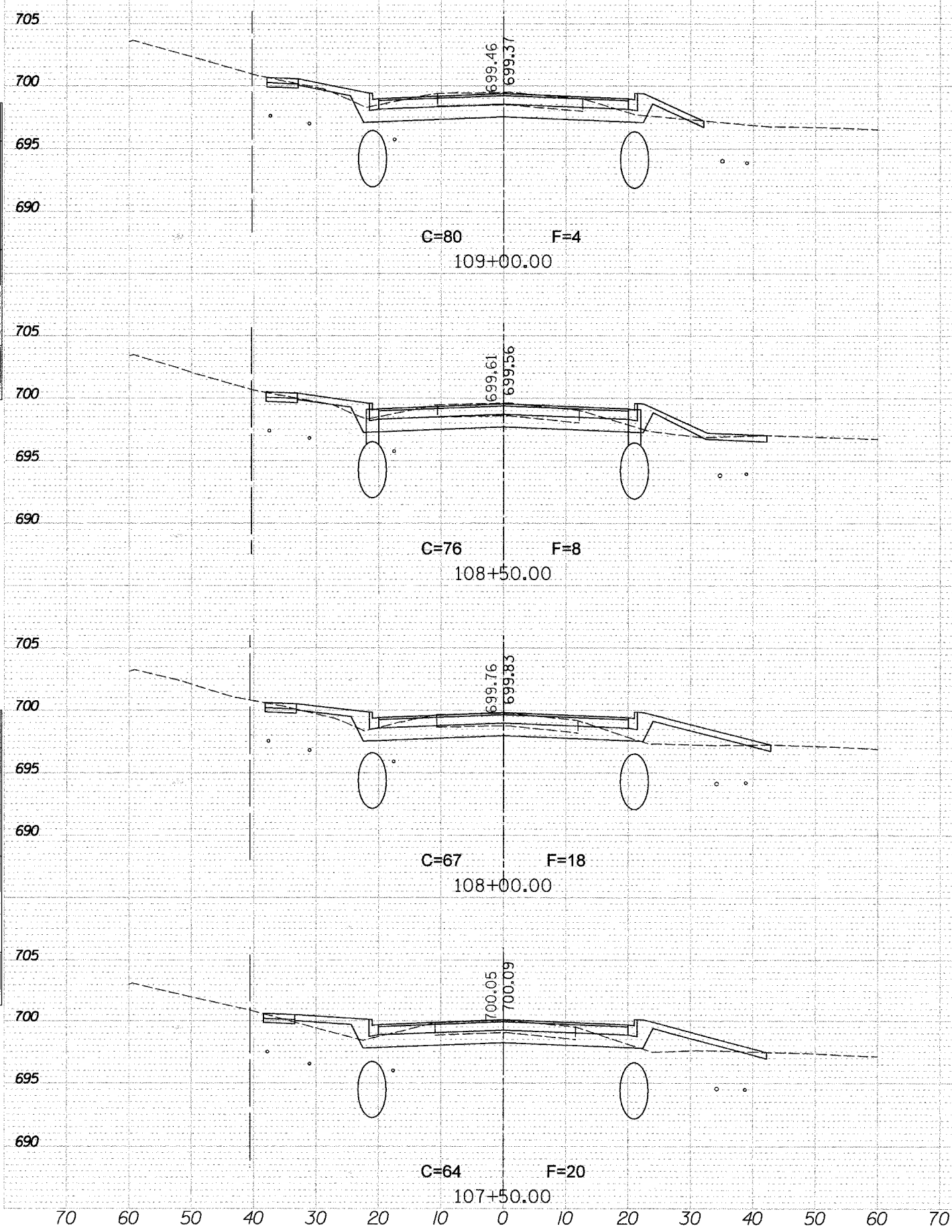
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	D4-00046-00-WR	KANE	59	40
STA. 107+50		TO STA. 111+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED

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USER NAME	USER



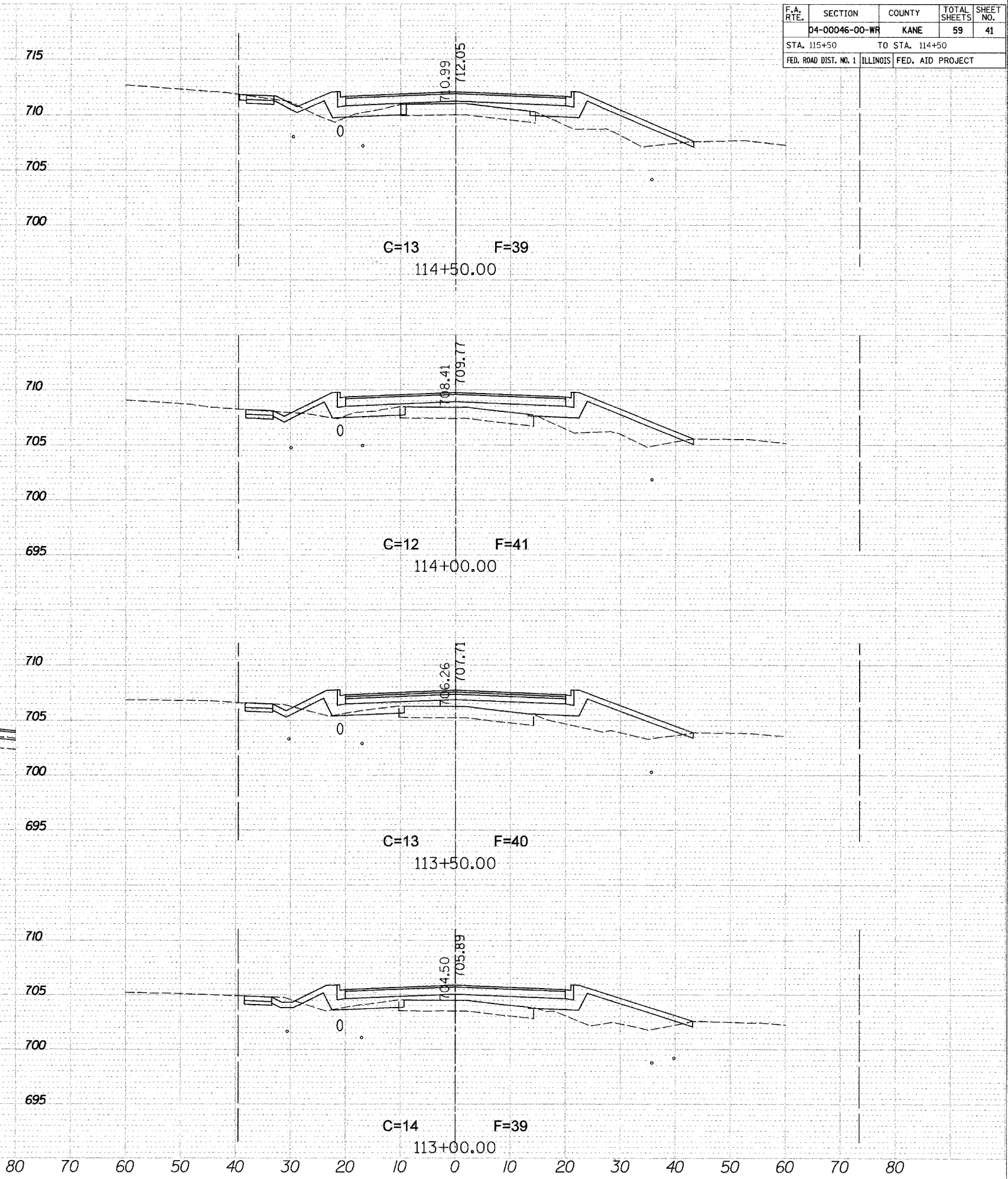
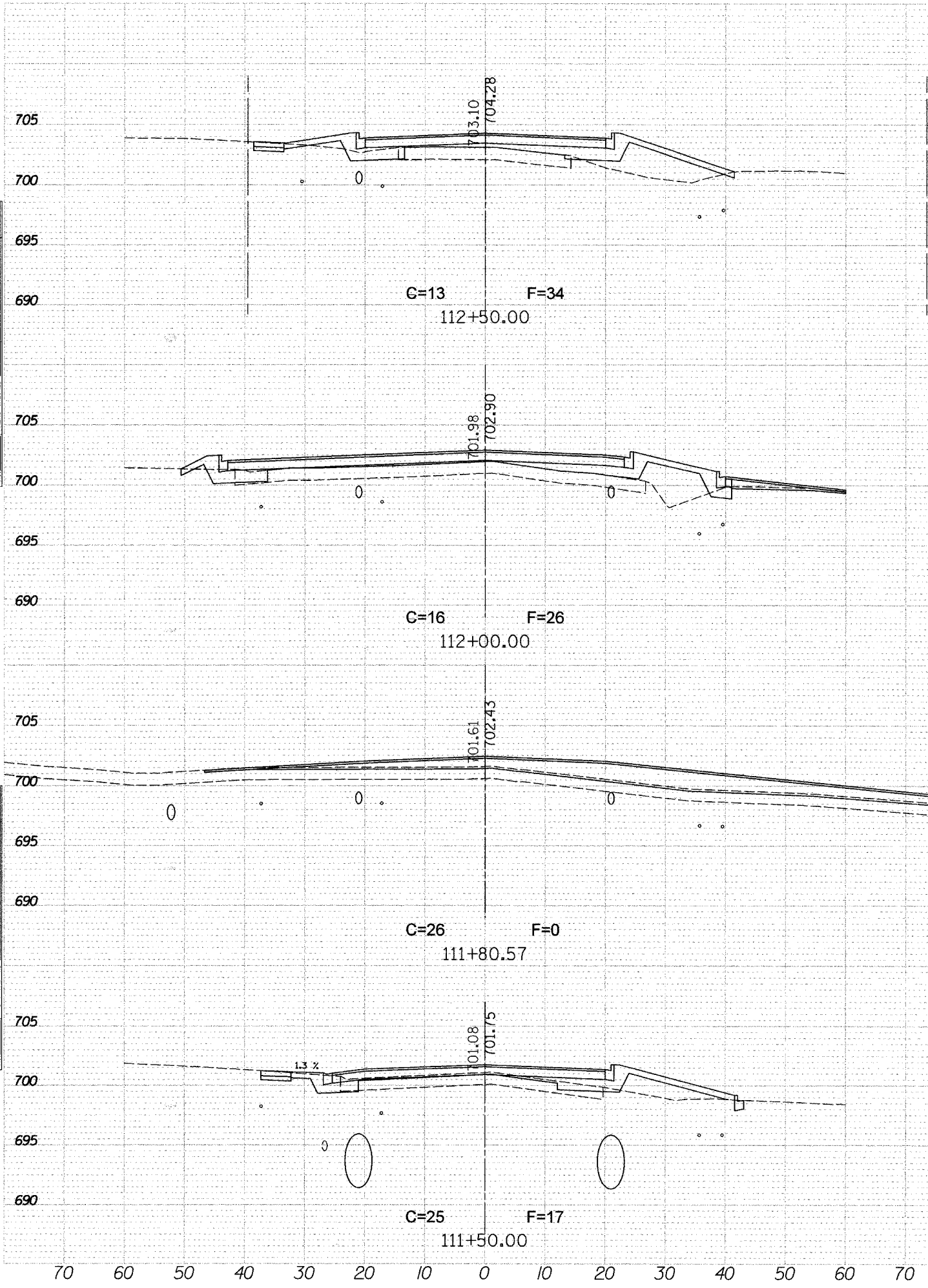
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	41
STA. 115+50		TO STA. 114+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

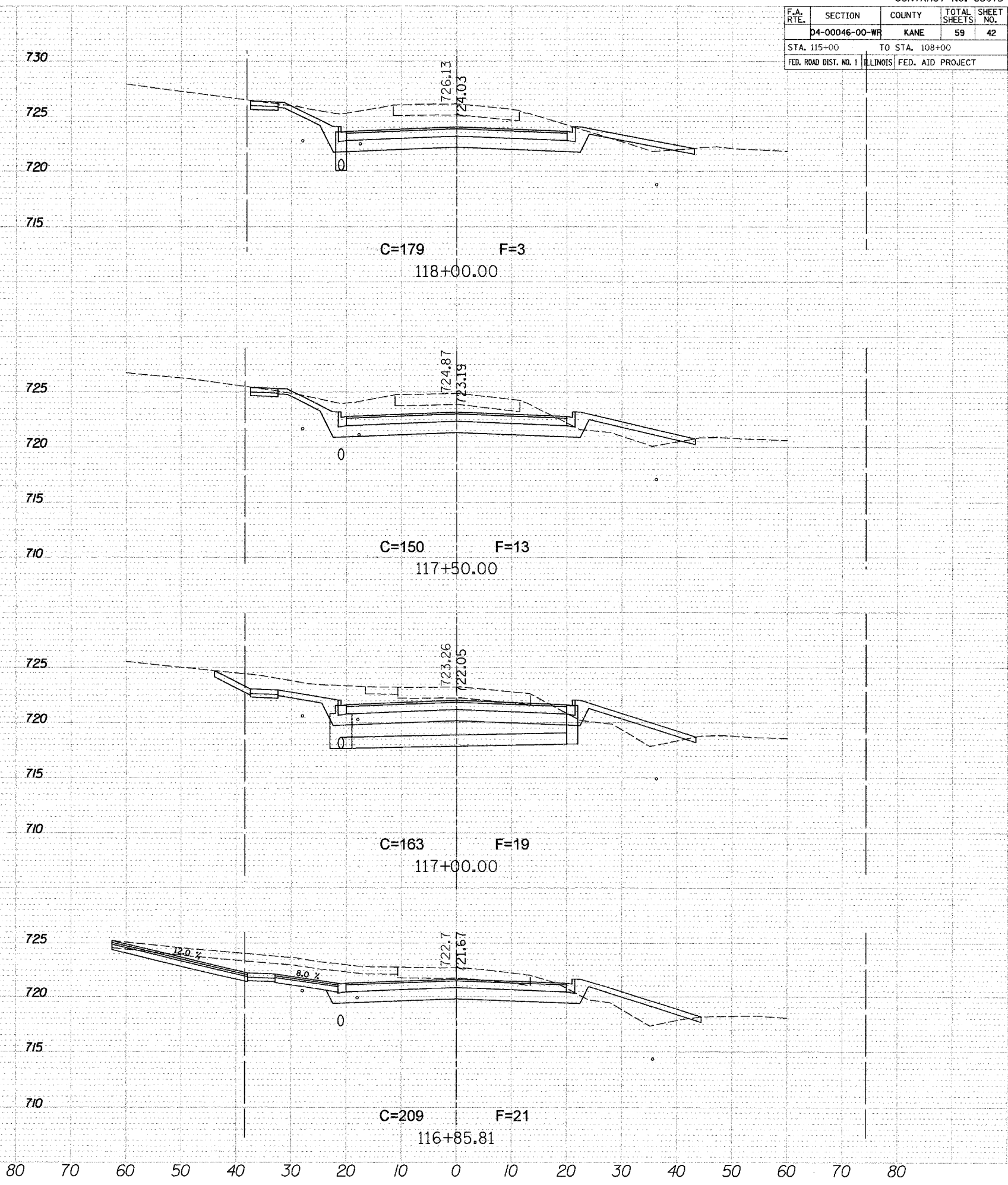
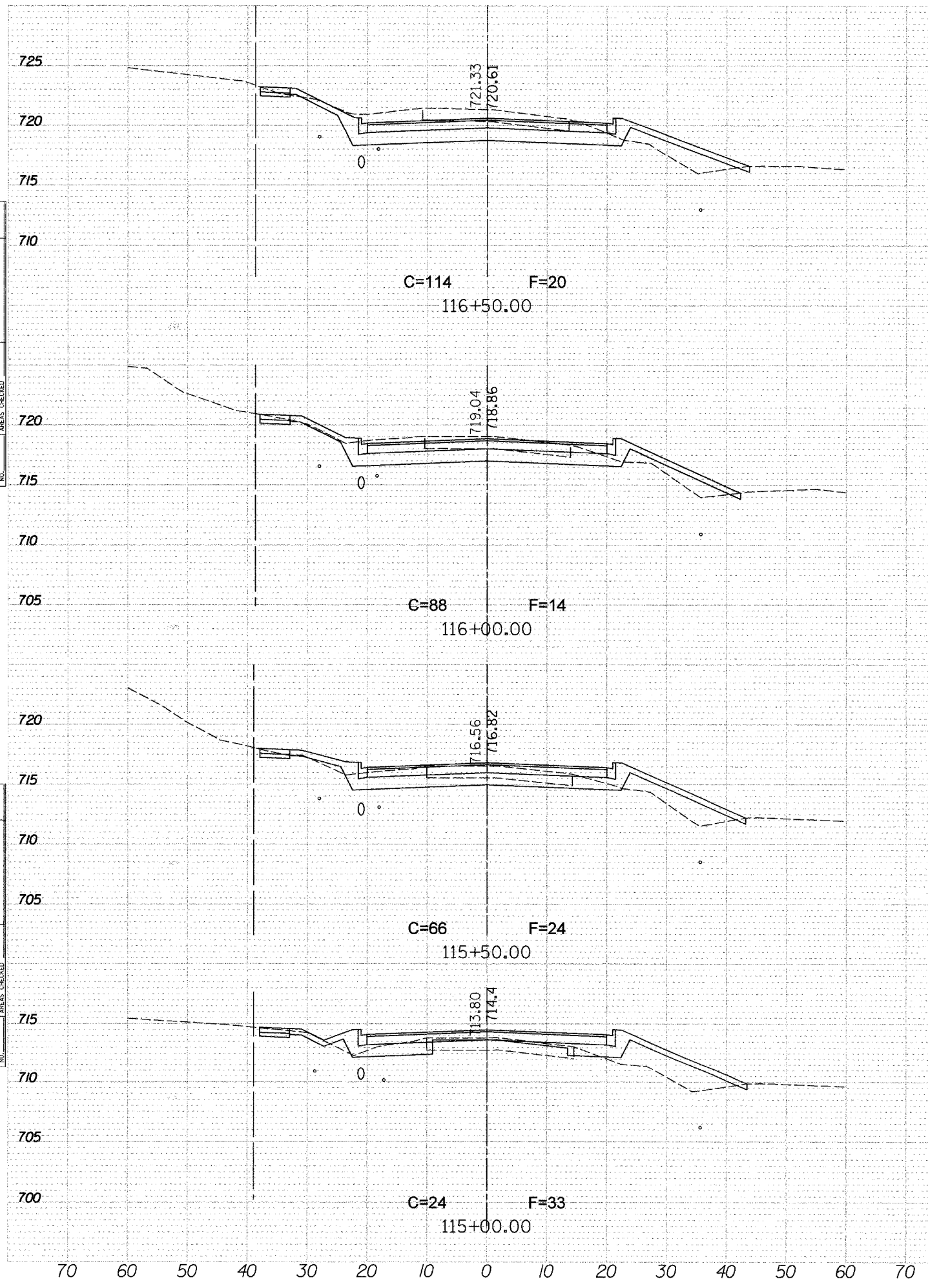
FINAL SURVEY
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 PLOTTED
 IN DATE
 NOTE BOOK
 AREAS CHECKED

INDIVIDUAL SURVEY
 SURVEYED
 PLOTTED
 IN DATE
 NOTE BOOK
 AREAS CHECKED

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 USER NAME = USER



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	42
STA. 115+00		TO STA. 108+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



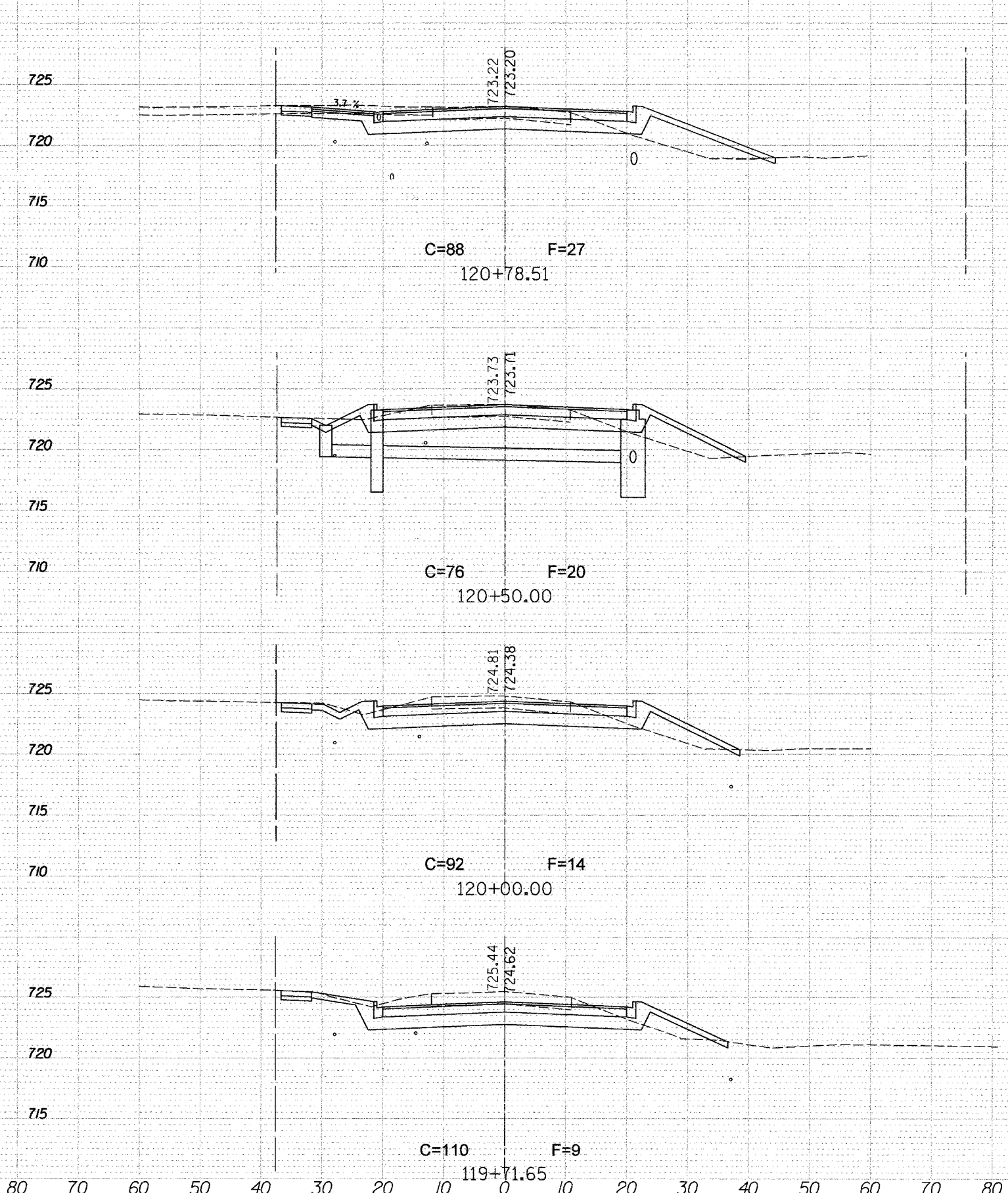
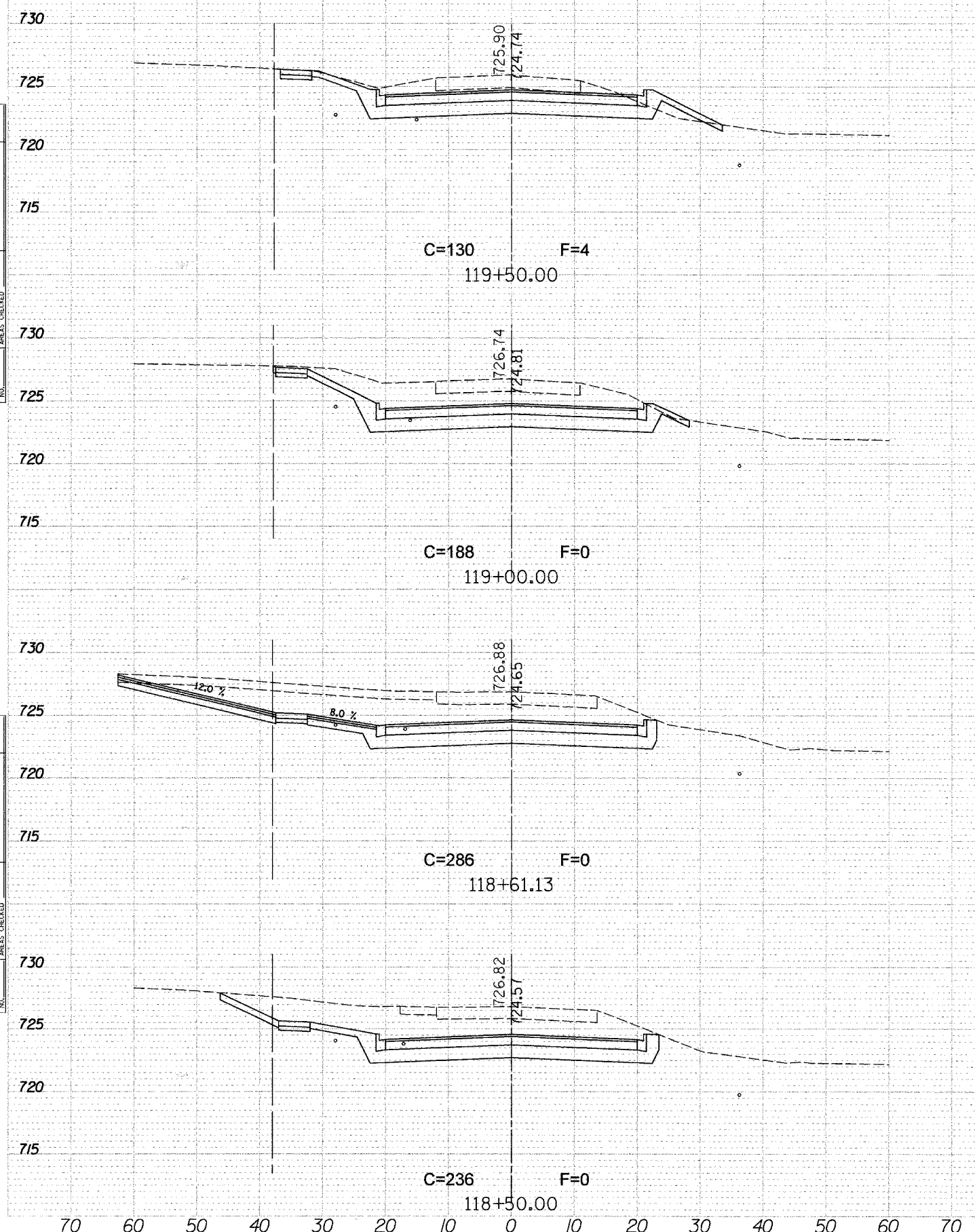
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 PLOTTED
 TEMPLATE
 CHECKED
 AREAS CHECKED

SURVEYED
 PLOTTED
 TEMPLATE
 CHECKED
 AREAS CHECKED

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	43
STA. 118+50		TO STA. 120+78.51		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

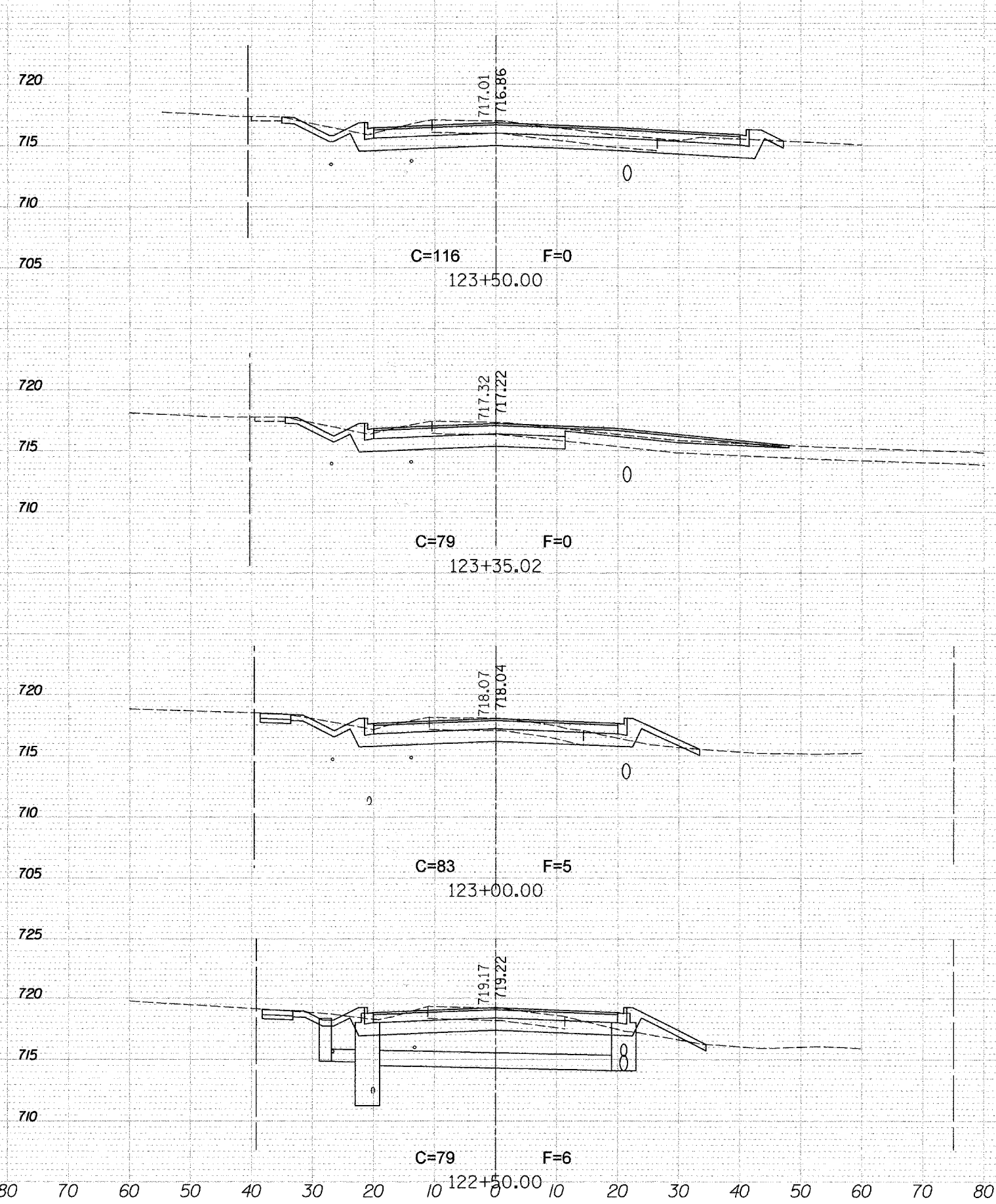
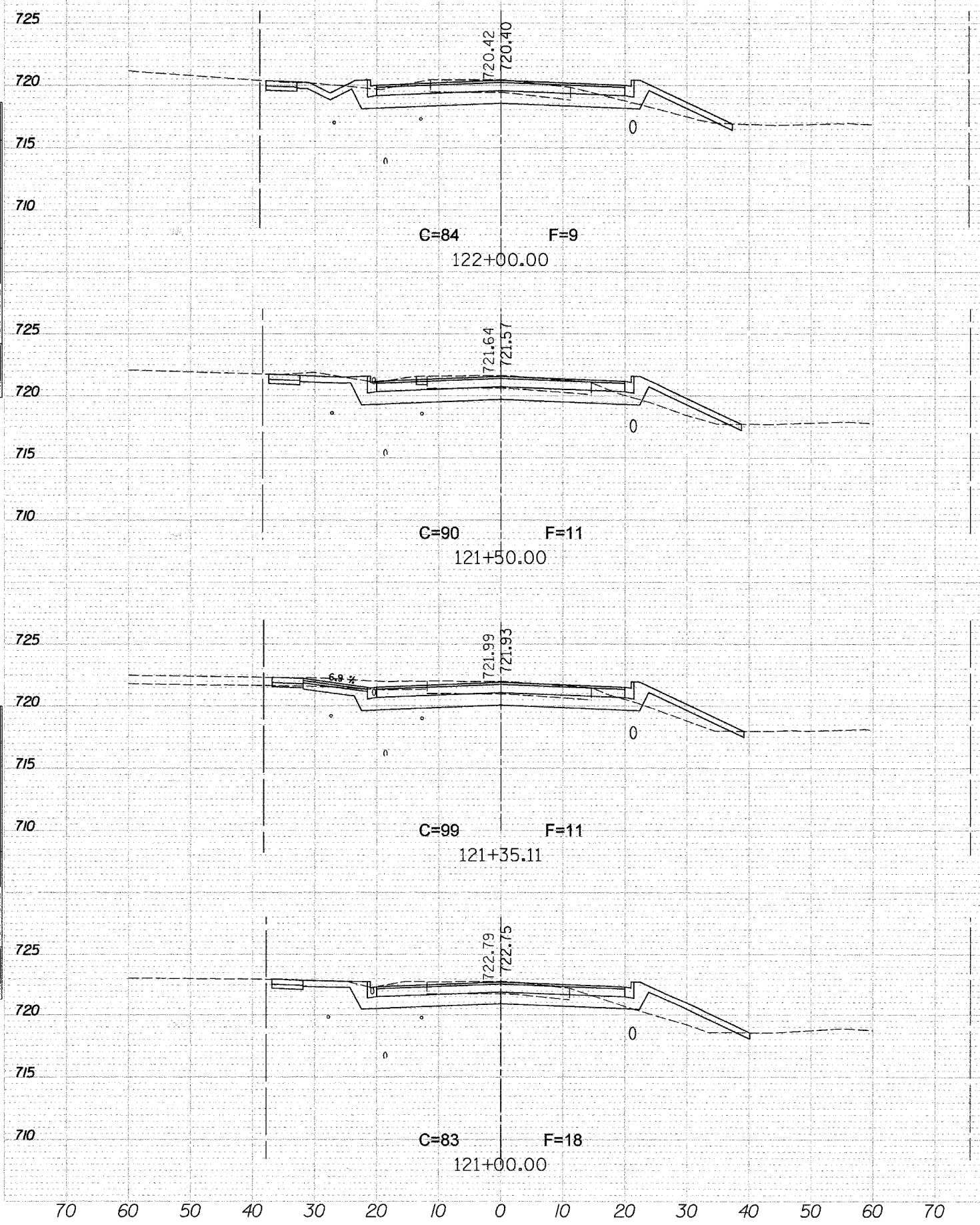
NO.	DESCRIPTION
	SURVEYED
	PLOTTED
	TEMPLATE
	MARK
	AREAS CHECKED

ORIGINAL SURVEY

NO.	DESCRIPTION
	SURVEYED
	PLOTTED
	TEMPLATE
	MARK
	AREAS CHECKED

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USER NAME = J. GIBSON

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	44
STA. 121+00		TO STA. 123+50		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY SURVEYED PLOTTED AS LATE AREAS CHECKED
NOTE BOOK NO.

FINAL SURVEY SURVEYED PLOTTED AS LATE AREAS CHECKED
NOTE BOOK NO.

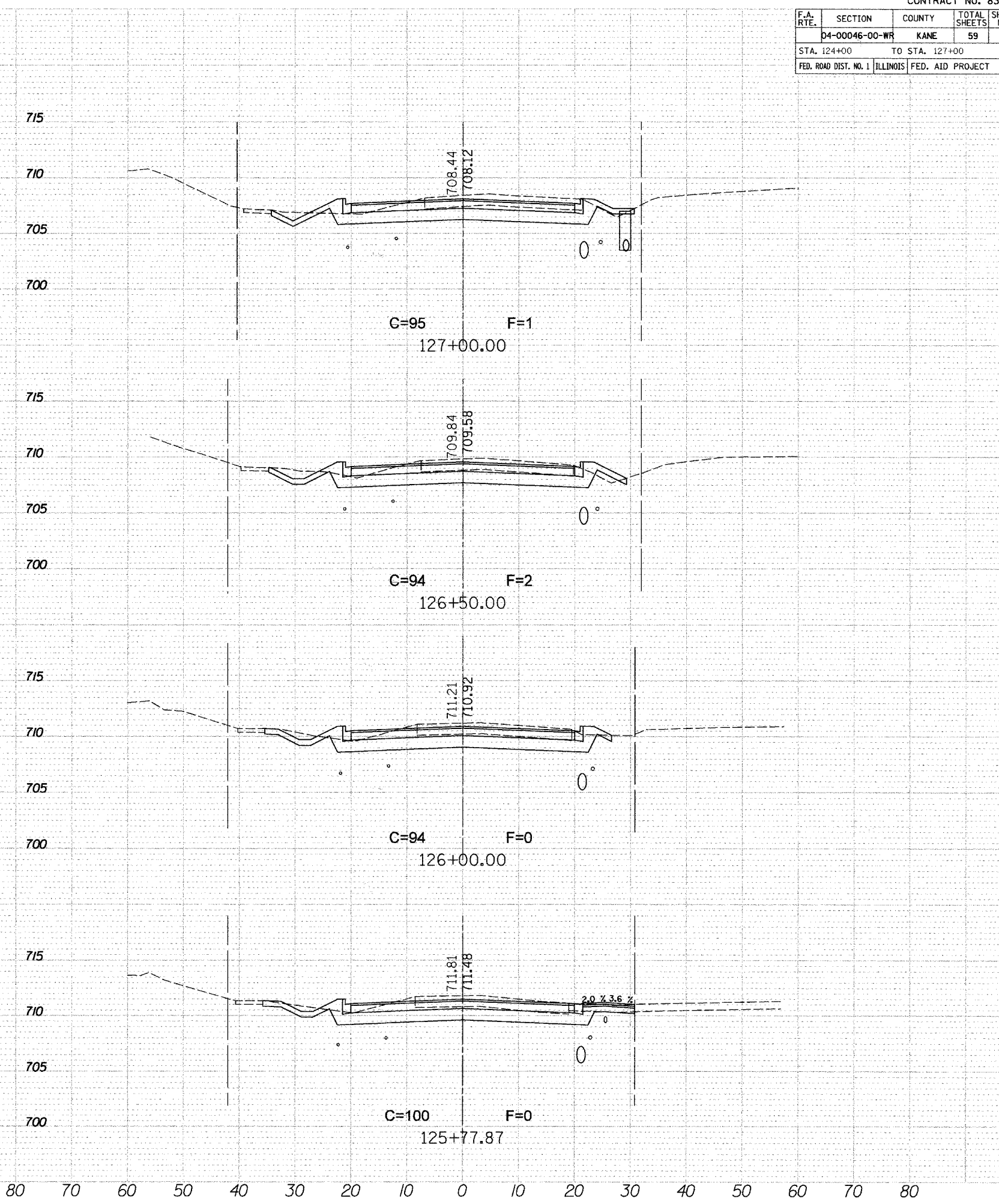
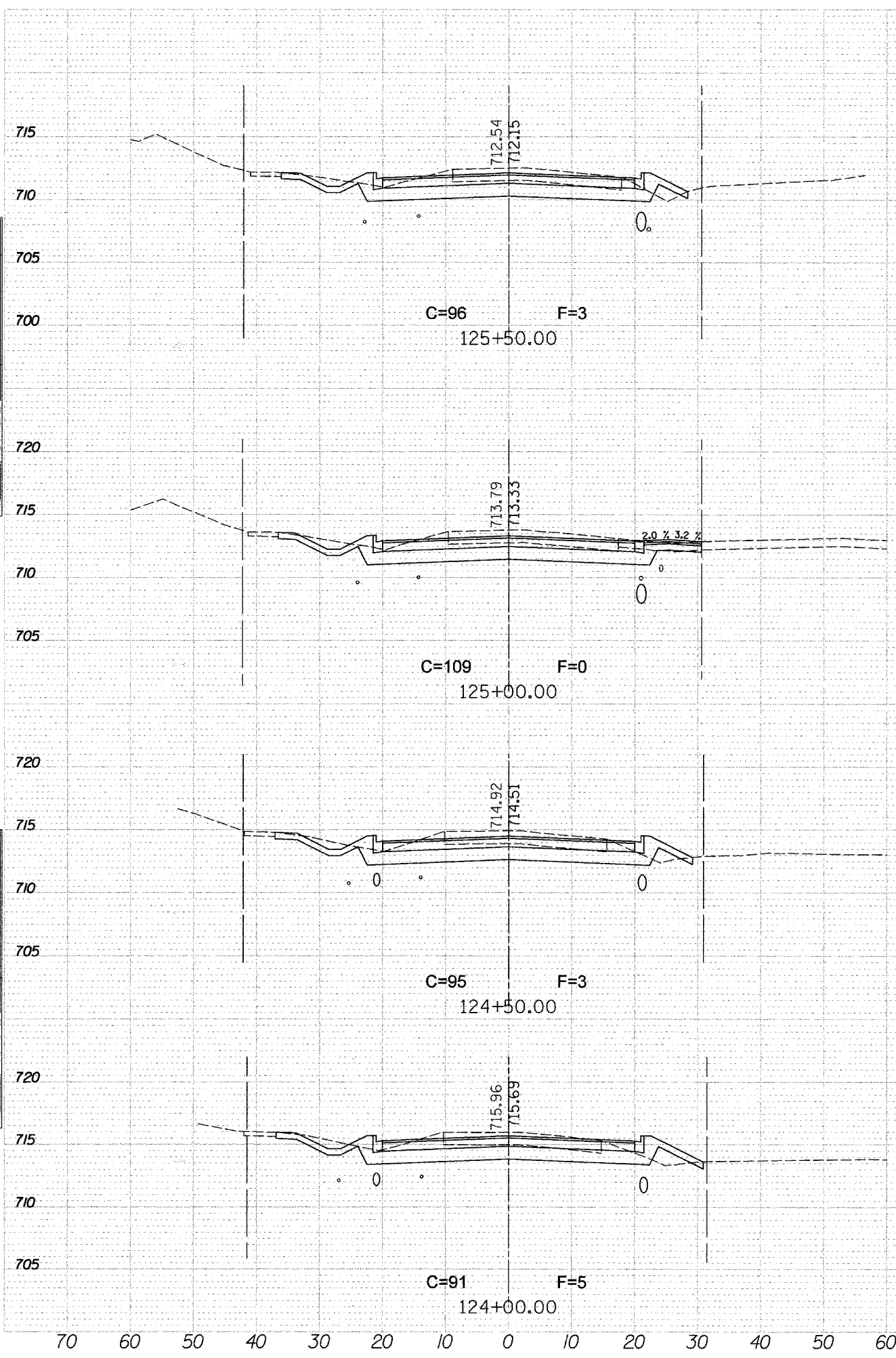
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NOTE BOOK NO.

FINAL SURVEY SURVEYED PLOTTED AS LATE AREAS CHECKED
NOTE BOOK NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	45
STA. 124+00		TO STA. 127+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

FINAL SURVEY PLOTTED DATE: 11/14/07
 SURVEY NO.:
 PLOTTED BY: J. L. WILSON
 CHECKED BY: J. L. WILSON
 AREA CHECKED:

DATE: 8/29/2007
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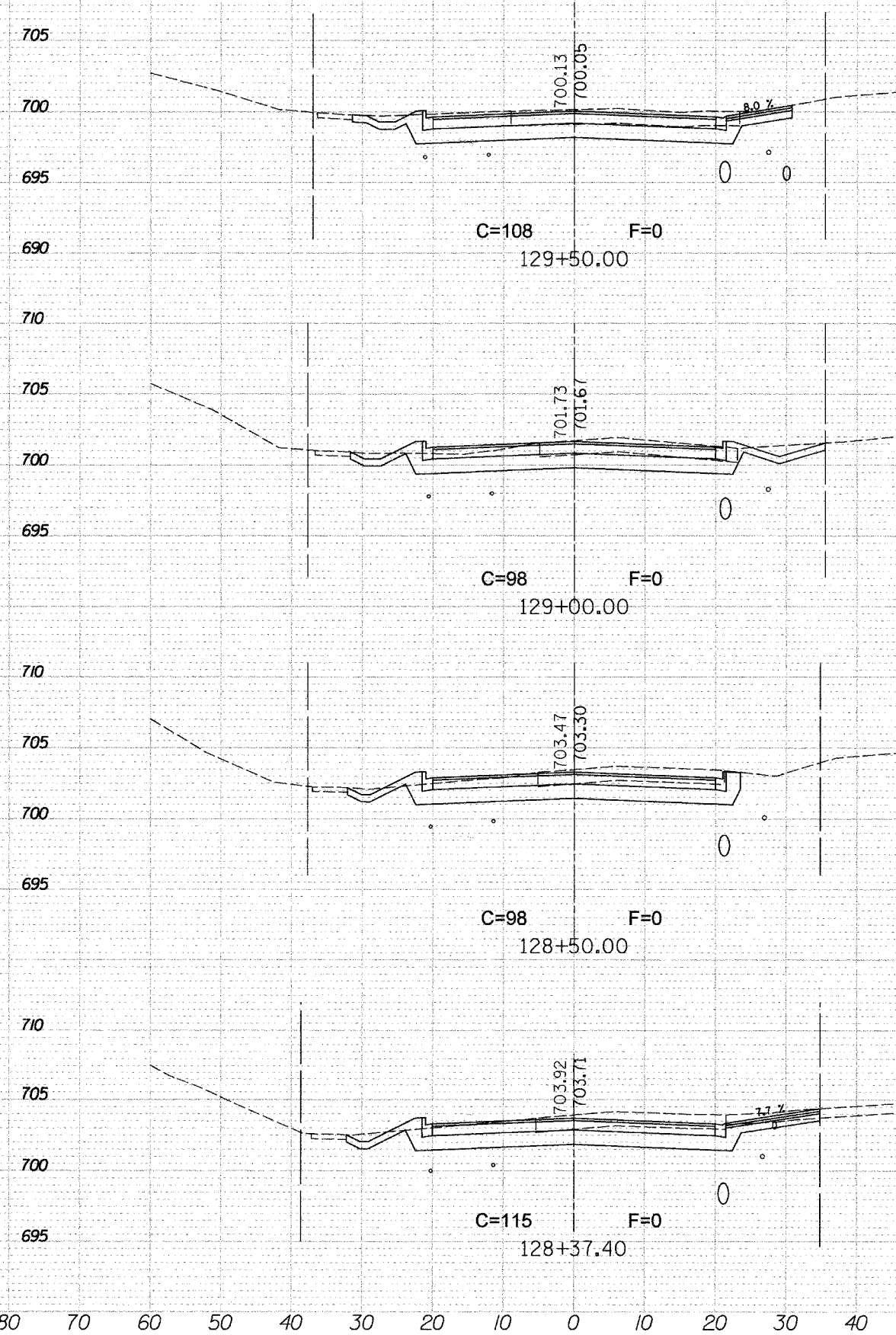
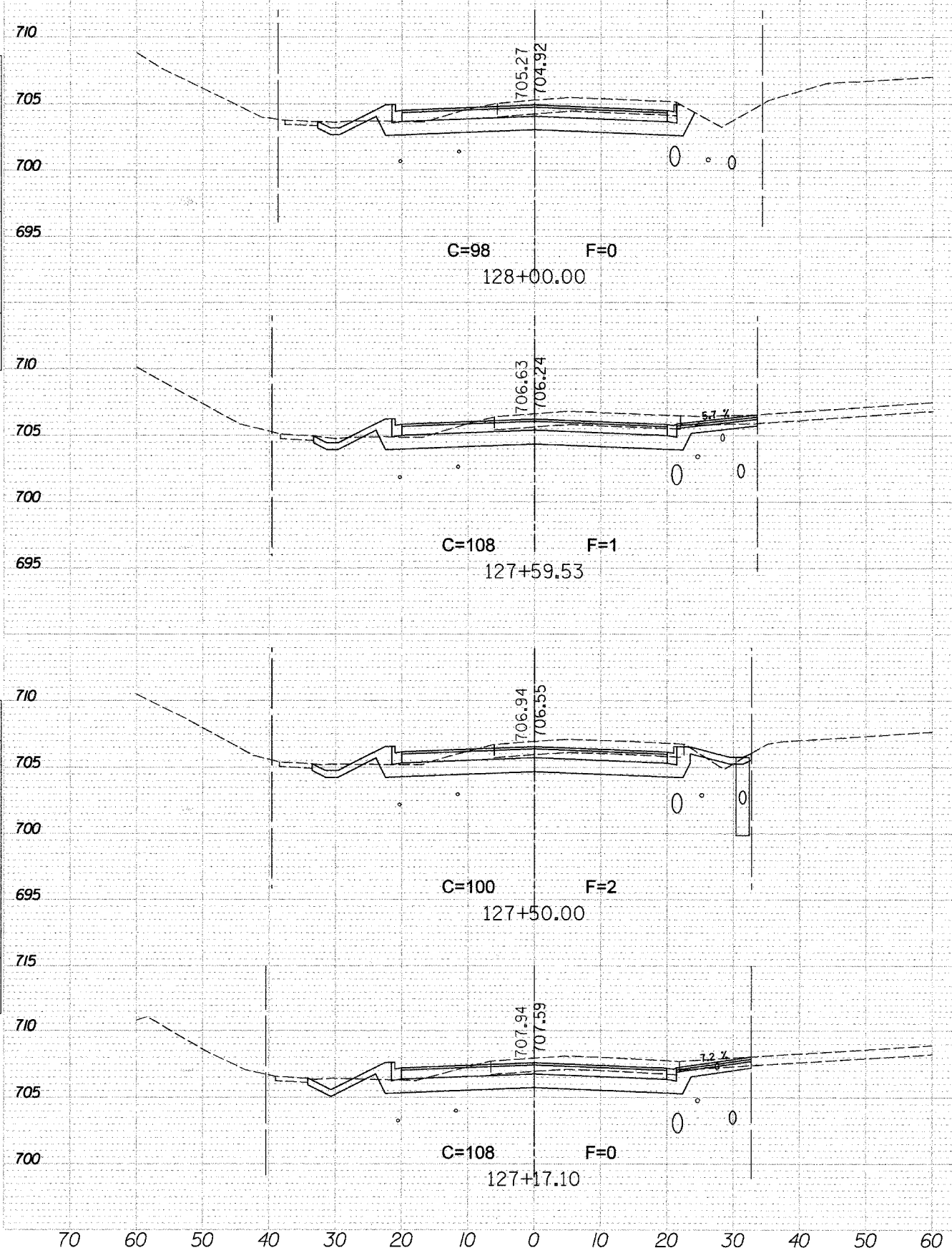
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	46
STA. 127+17.10		TO STA. 129+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
SURVEYED	PLOTTED
NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED

ORIGINAL SURVEY	
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NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED

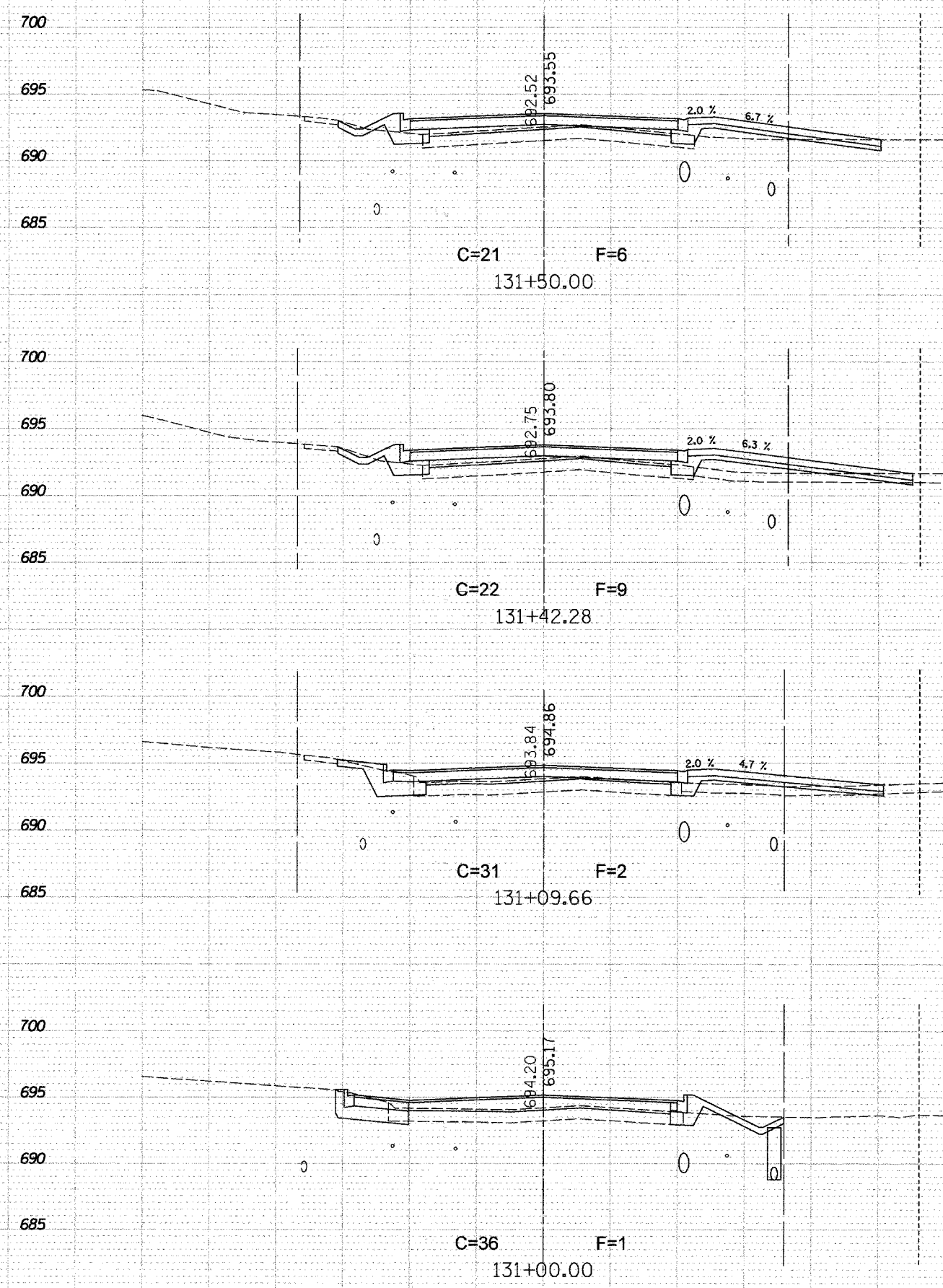
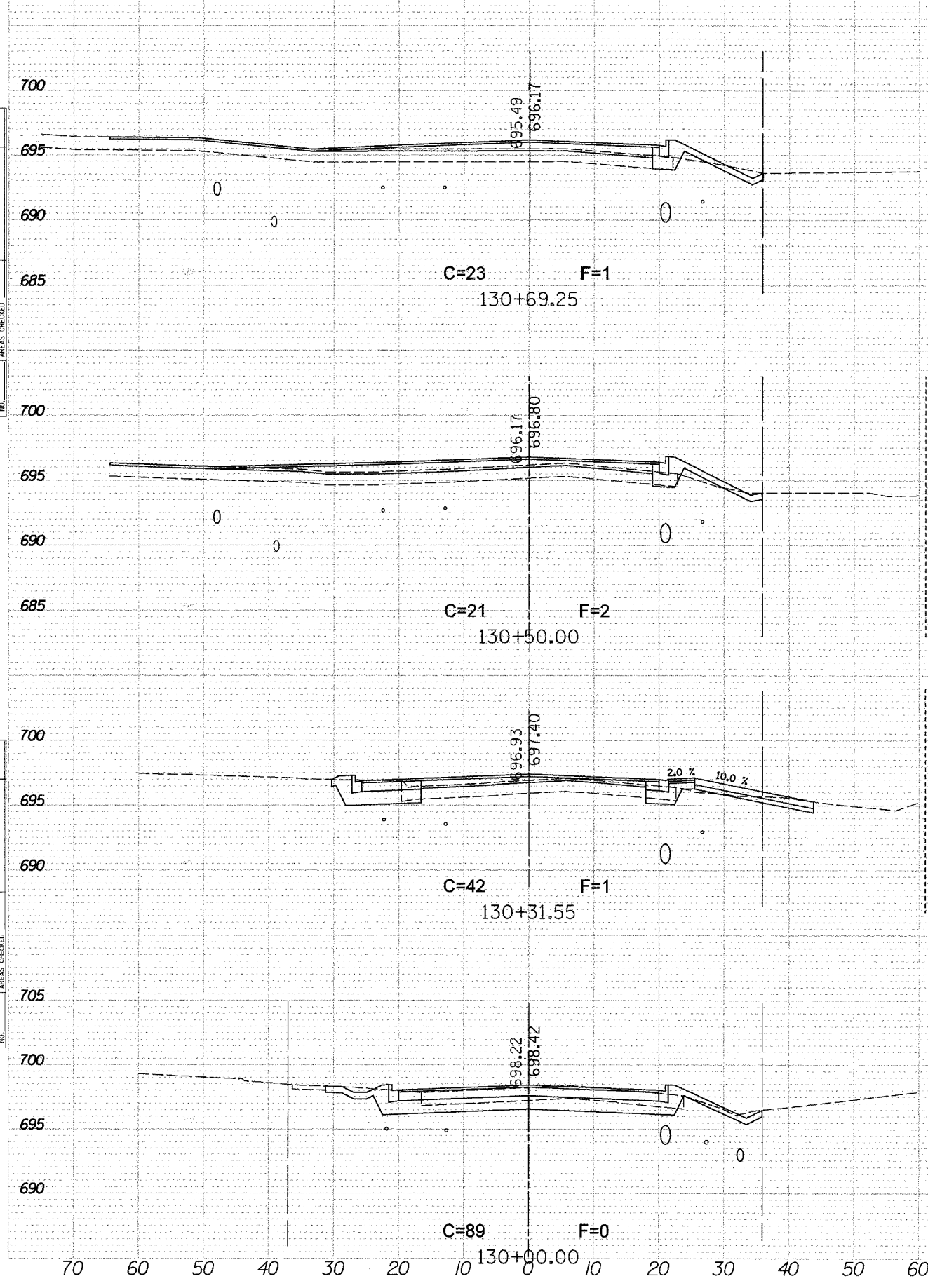
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-WR	KANE	59	47
STA. 130+00		TO STA. 131+50		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



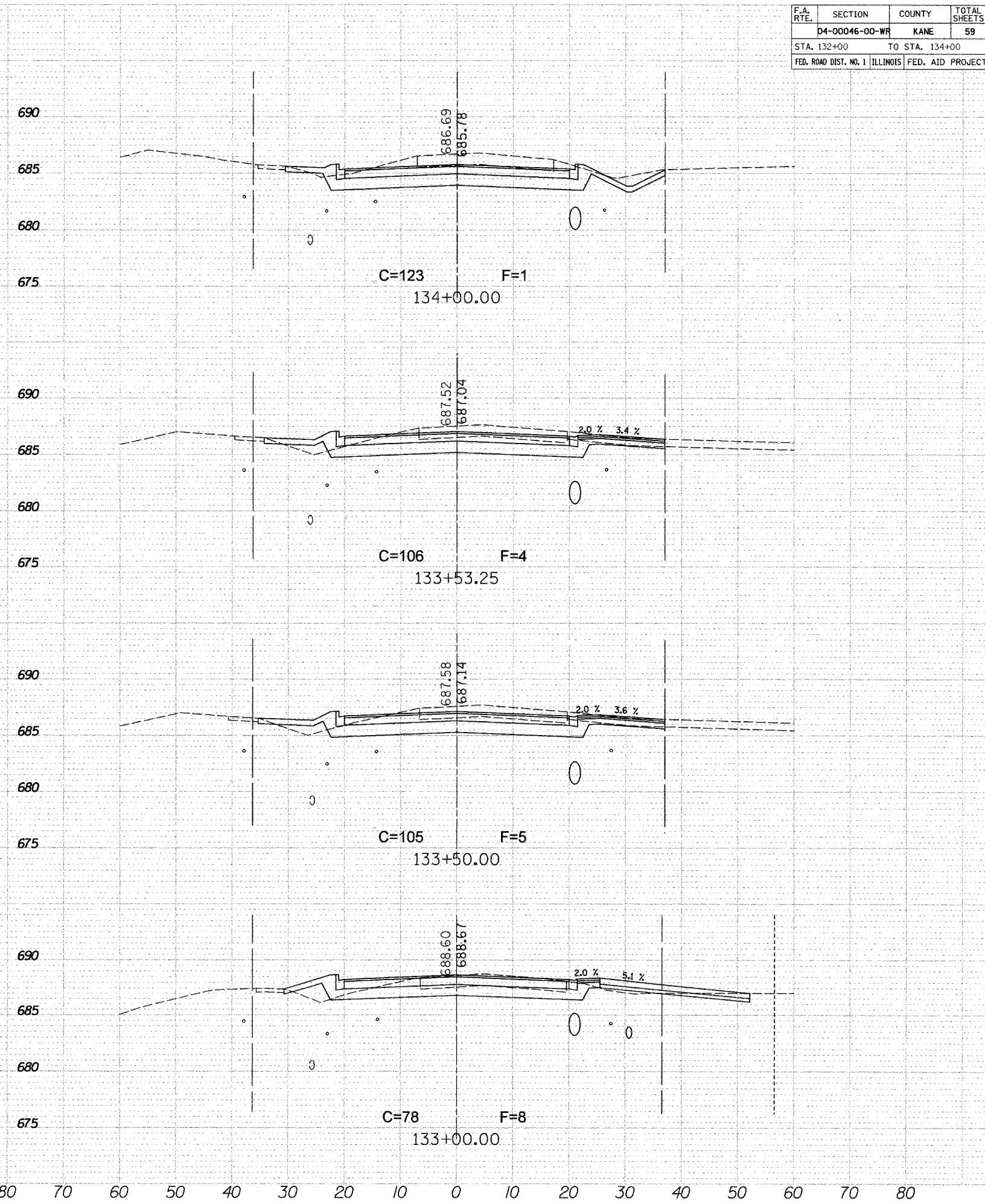
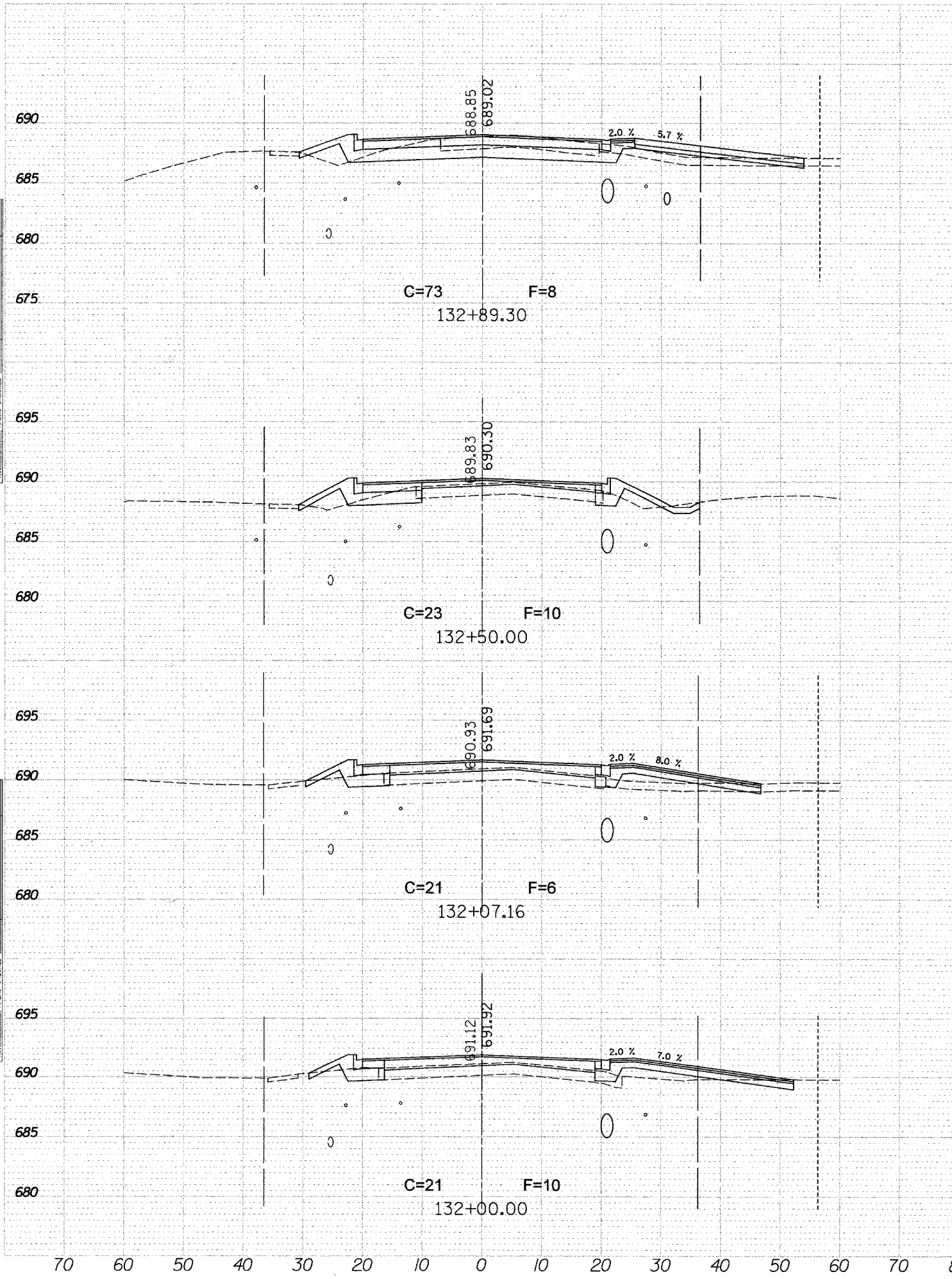
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	48
STA. 132+00		TO STA. 134+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NO.	AREAS CHECKED

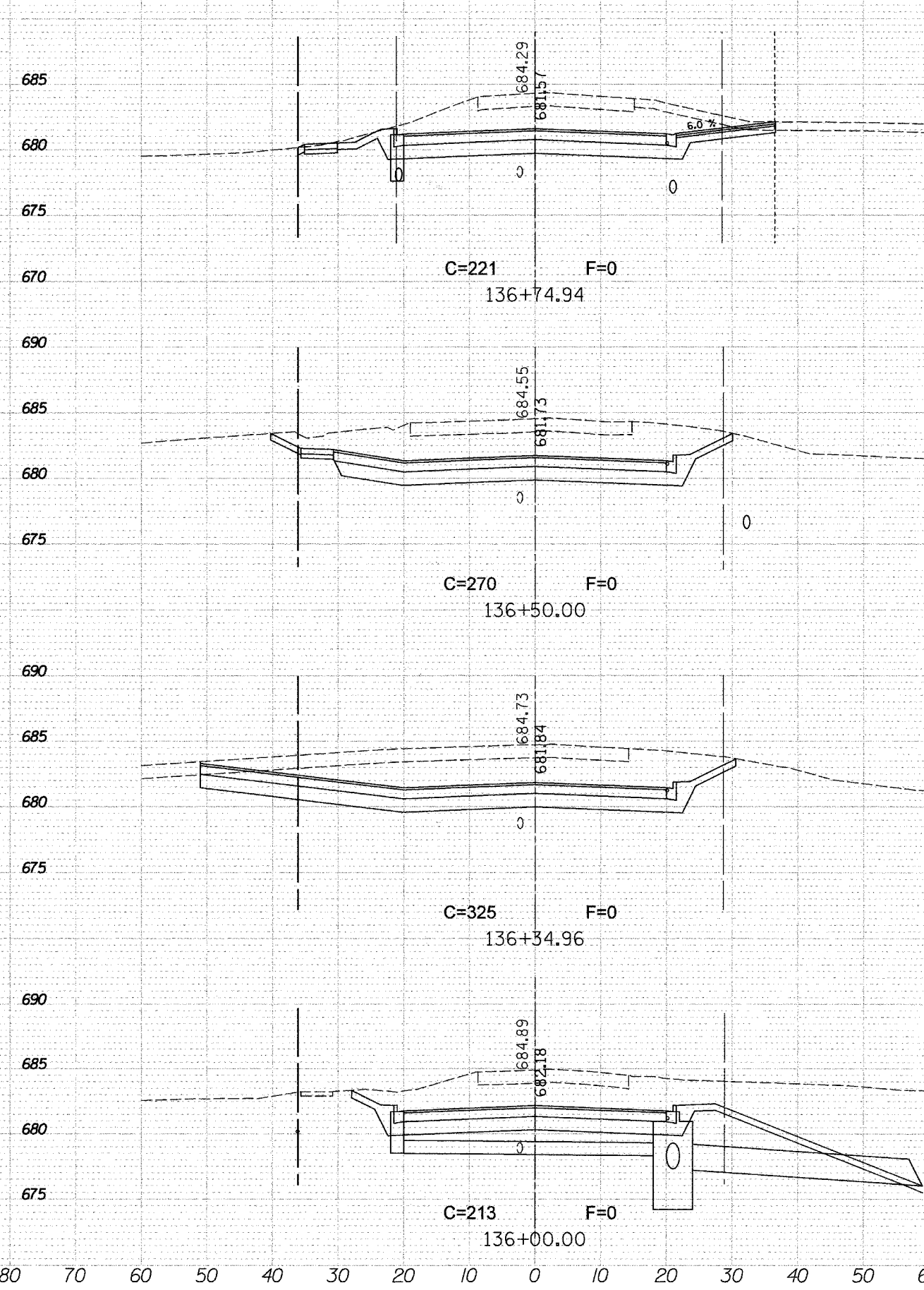
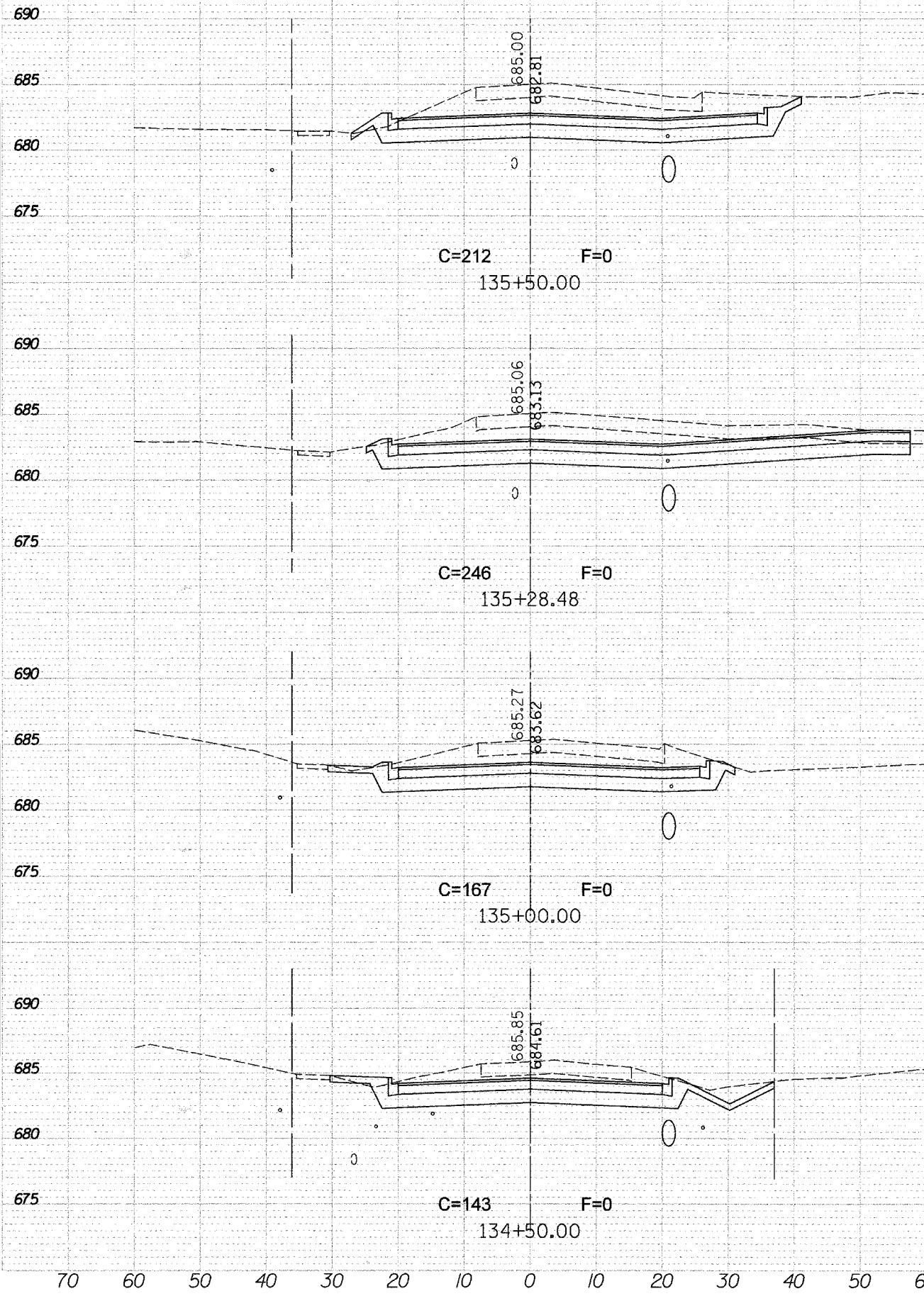
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USER NAME = USER1

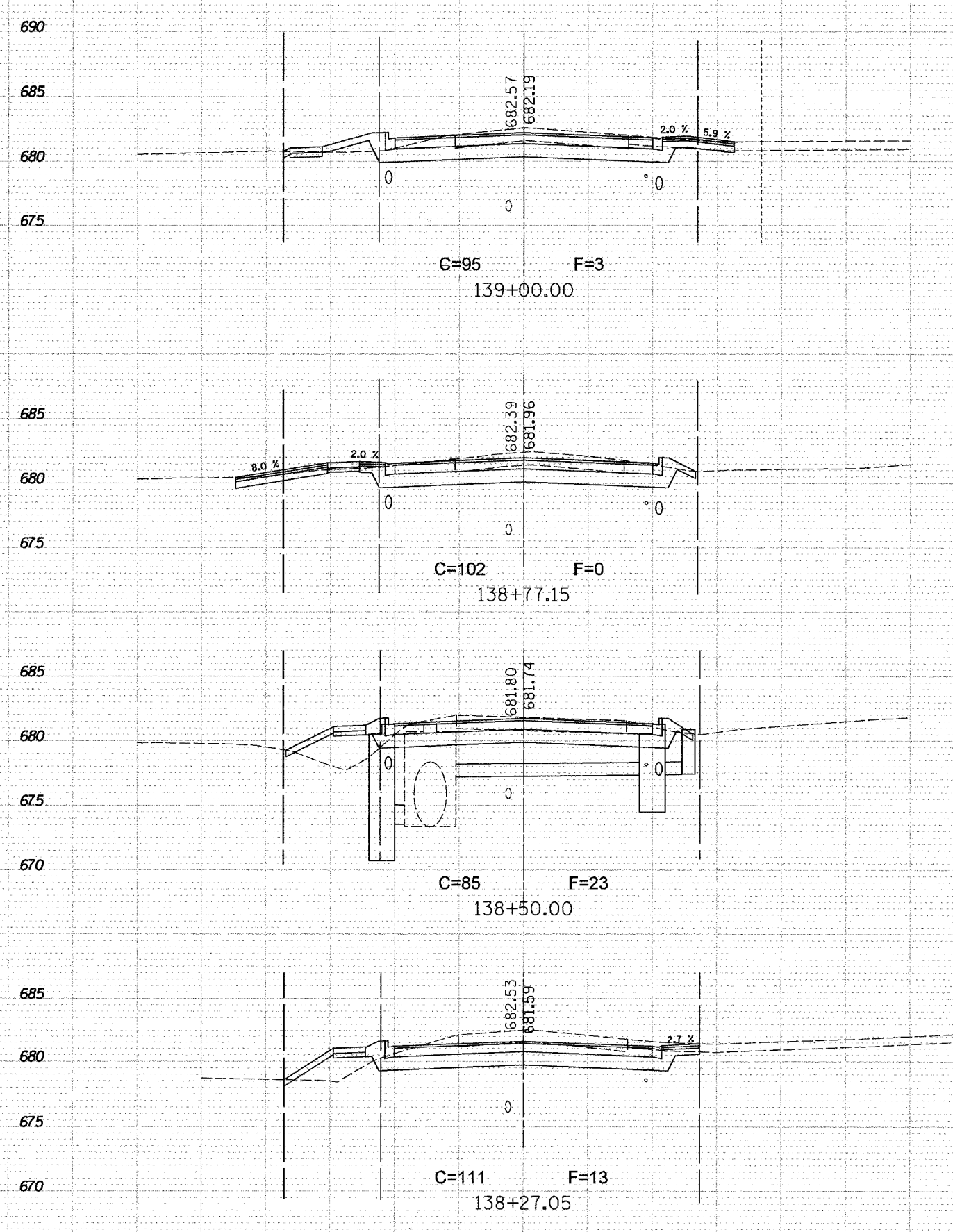
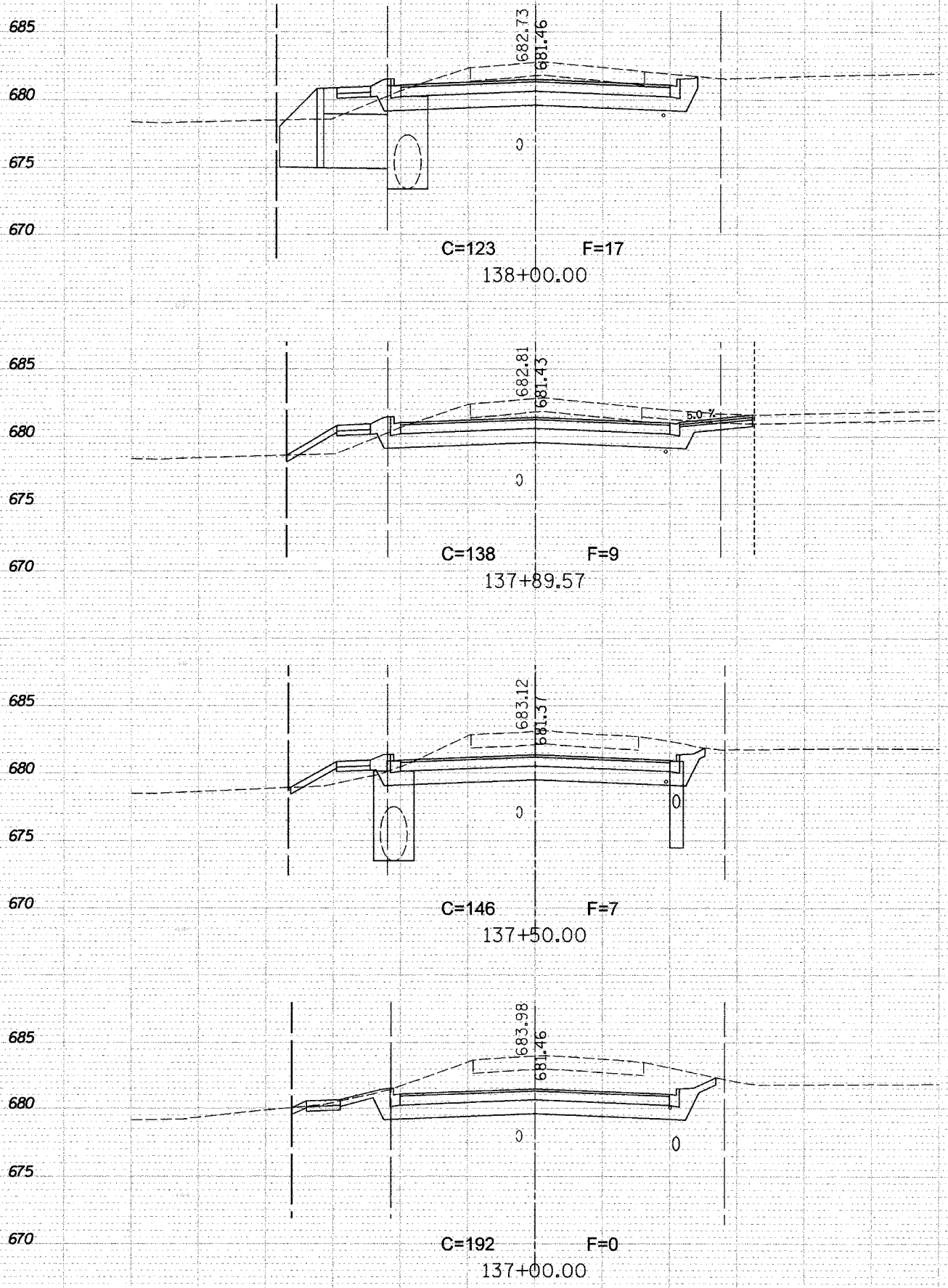


70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 70 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR	KANE		59	49
STA. 134+50		TO STA. 136+74.94		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D4-00046-00-WR		KANE	59	50
STA. 137+00		TO STA. 139+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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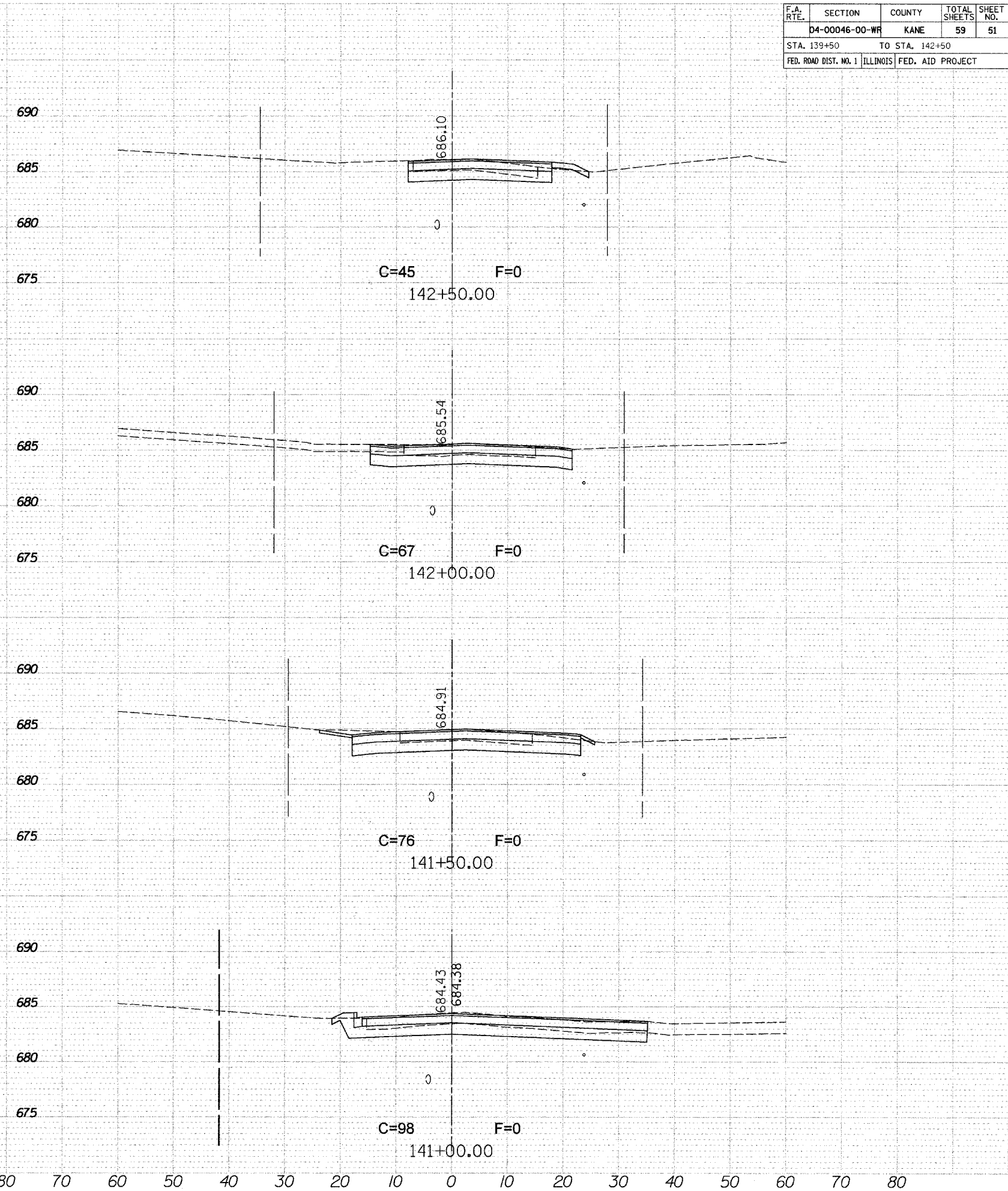
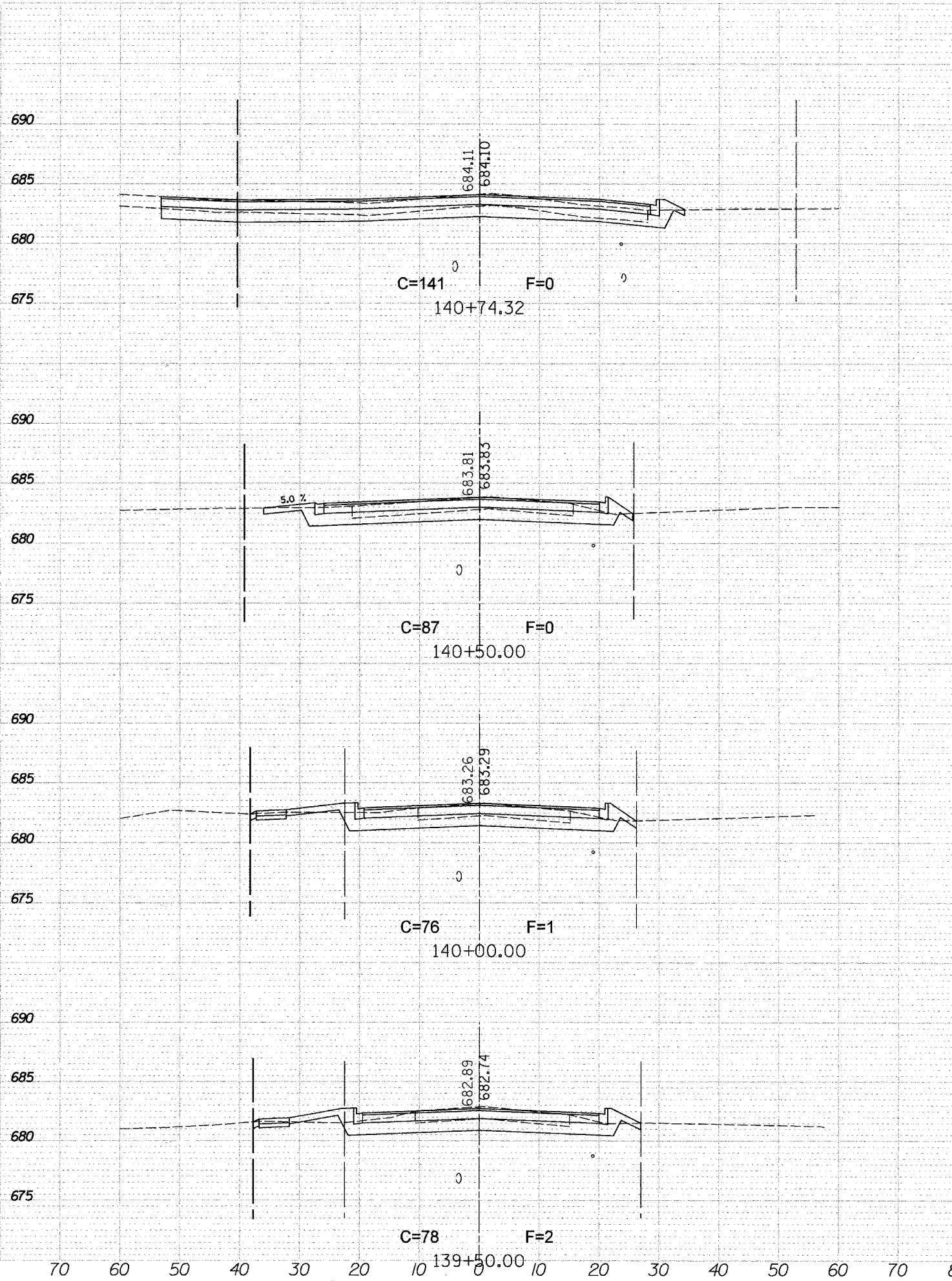
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	51
STA. 139+50		TO STA. 142+50		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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 PLOTTED
 TEMPLATE
 NOTE BOOK
 USER NAME
 AREAS CHECKED

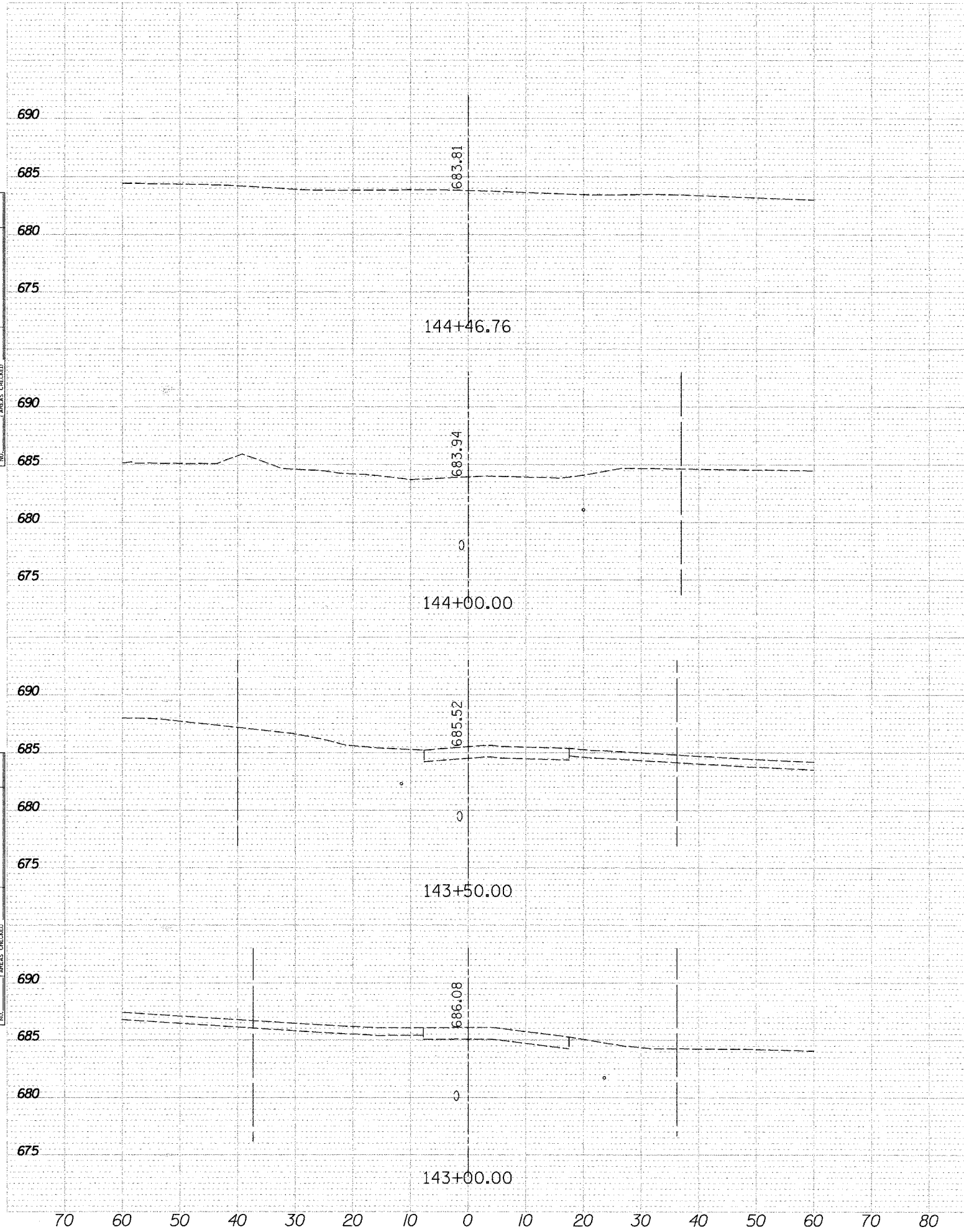
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 TEMPLATE
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 USER NAME
 AREAS CHECKED

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	59	52
STA. 143+00		TO STA. 144+46.76		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SURVEYED
 SURVEYED
 NOTE BOOK
 NO.

SURVEYED
 SURVEYED
 NOTE BOOK
 NO.

SURVEYED
 SURVEYED
 NOTE BOOK
 NO.

SURVEYED
 SURVEYED
 NOTE BOOK
 NO.

SURVEYED
 SURVEYED
 NOTE BOOK
 NO.

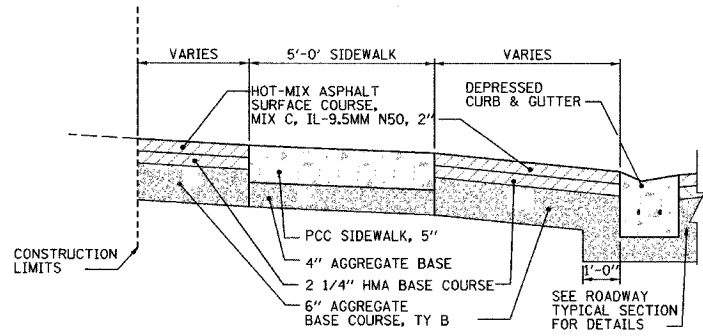
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 NOTE BOOK
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SURVEYED
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 NOTE BOOK
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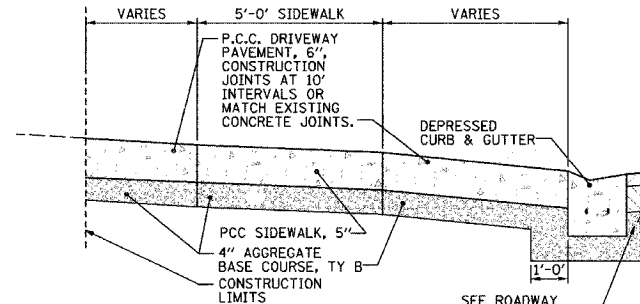
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 NOTE BOOK
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SURVEYED
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 NOTE BOOK
 NO.

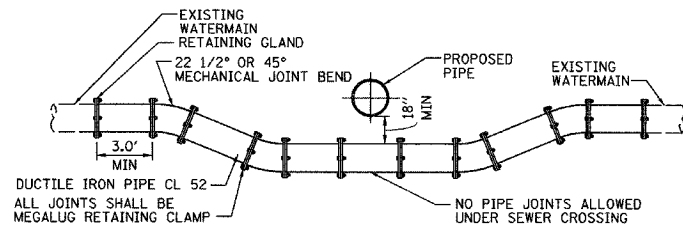
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STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



TYPICAL SECTION THRU HOT-MIX ASPHALT DRIVEWAY

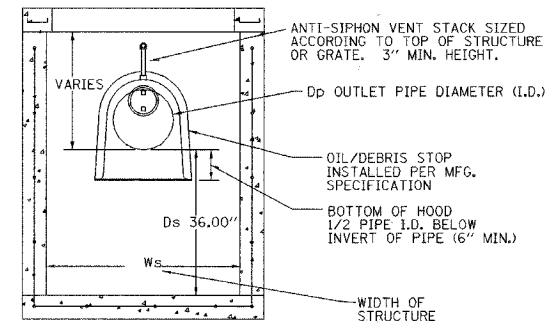


TYPICAL SECTION THRU CONCRETE DRIVEWAY



NOTE:
THRUST BLOCK IS INCLUDED IF
REQUIRED BY THE VILLAGE ENGINEER

EXISTING WATERMAIN LOWERING DETAIL



OIL / WATER / DEBRIS SEPARATOR

CONSTRUCTION DETAILS

SCALE: VERT. NONE DRAWN BY: GR
 HORIZ. NONE DATE: MAY 2007

PLAN

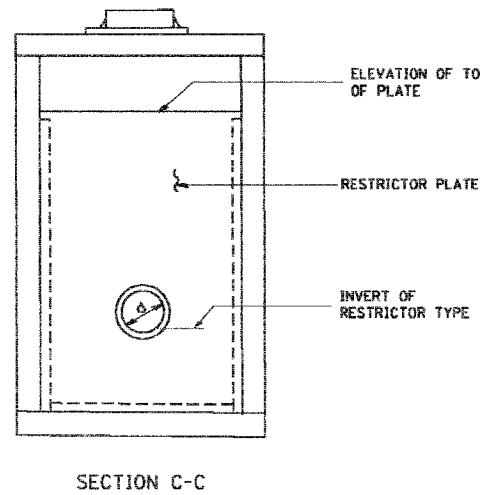
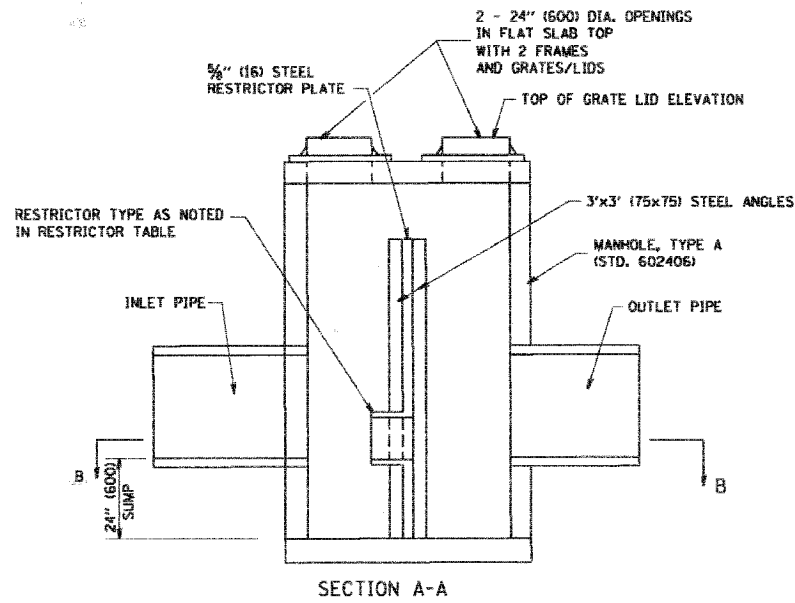
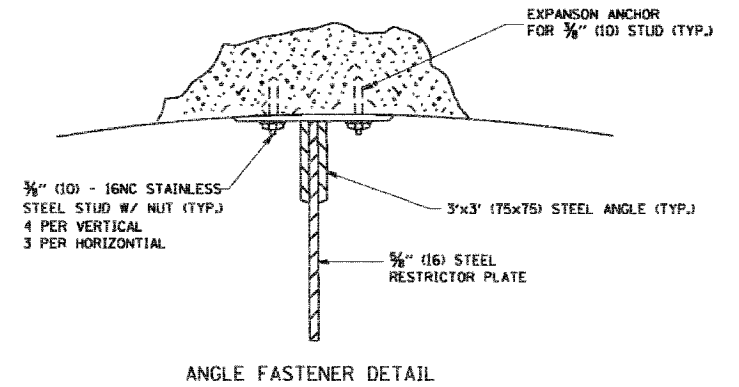
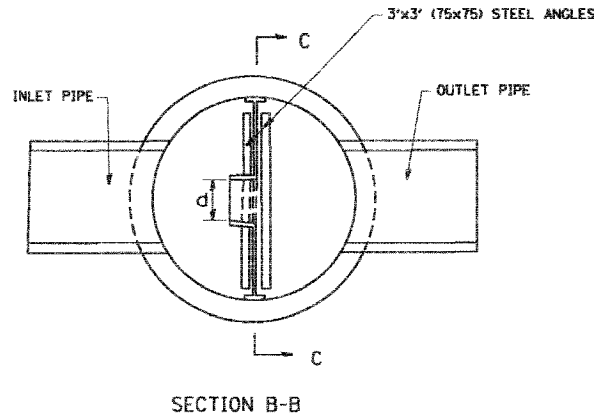
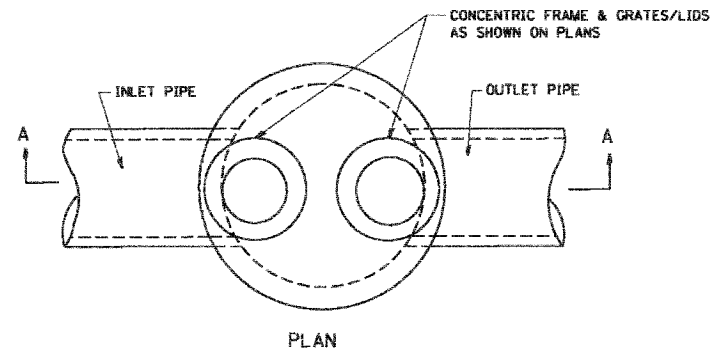
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ALIGNED	BY
CHECKED	
RT. OF WAY CHECKED	
NO.	
FILE NAME	

PROFILE

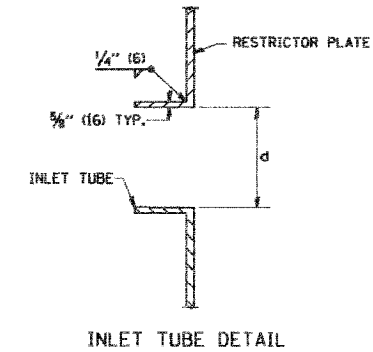
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GRADES CHECKED	BY
NO. NOTED	
STRUCTURE NOTATIONS CHECKED	
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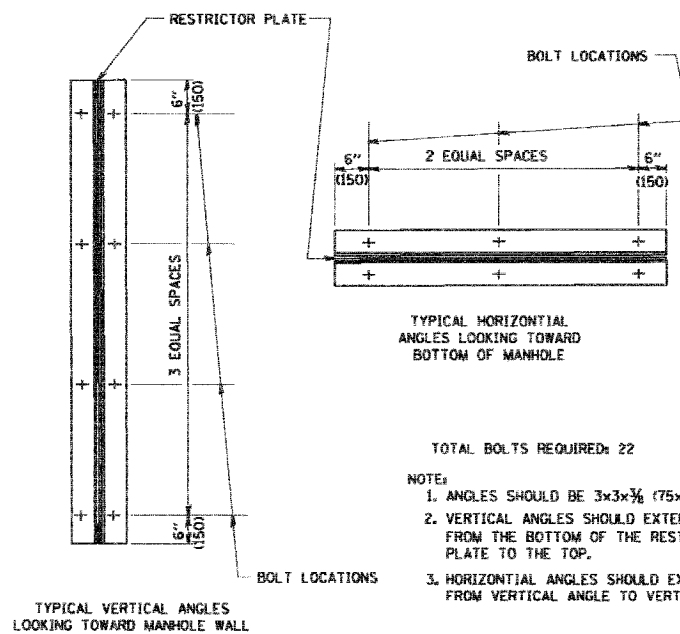
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- NOTES:
- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
 - ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
 - BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
93+50	5'	TY 1 F CL&OL	2	13	703.73	707.40
111+57.54(LT)	7'	TY 1 F&CL	2	7.5	691.41	696.18
111+57.54(RT)	7'	TY 1 F&CL	2	7.5	691.33	696.10



- TOTAL BOLTS REQUIRED: 22
- NOTE:
- ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 - VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 - HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	08/28/00
M. GOMEZ	01/08/01

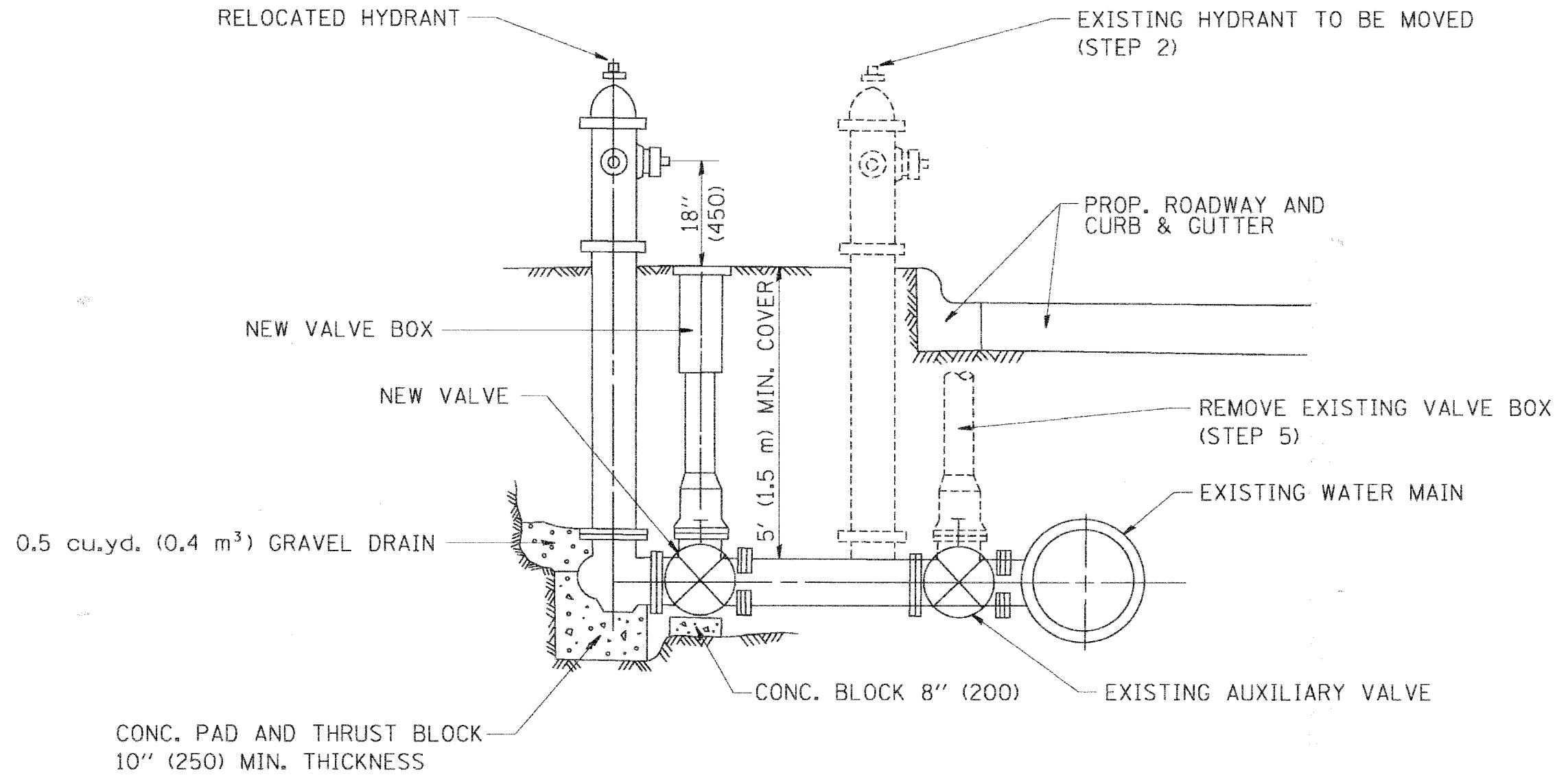
ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

SCALE: VERT. NONE HORIZ.

DRAWN BY CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

PLOT DATE = 3/2/2007
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 USER NAME = baward

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

ALTERNATE MATERIAL FOR THE WALLS MAY BE CONCRETE MASONRY UNITS, PRECAST REINFORCED CONCRETE SECTIONS OR CAST-IN-PLACE CONCRETE. THE CAST IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN MAY BE USED WHEN APPROVED BY THE ENGINEER.

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE (3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.

STEPS SHALL BE OMITTED FOR WORK IN COOK COUNTY WHEN THE DEPTH OF THE MANHOLE IS TEN (10') OR LESS.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A, 7'-DIAMETER SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL, AND FURNISHING AND INSTALLING FLAT SLAB TOP.

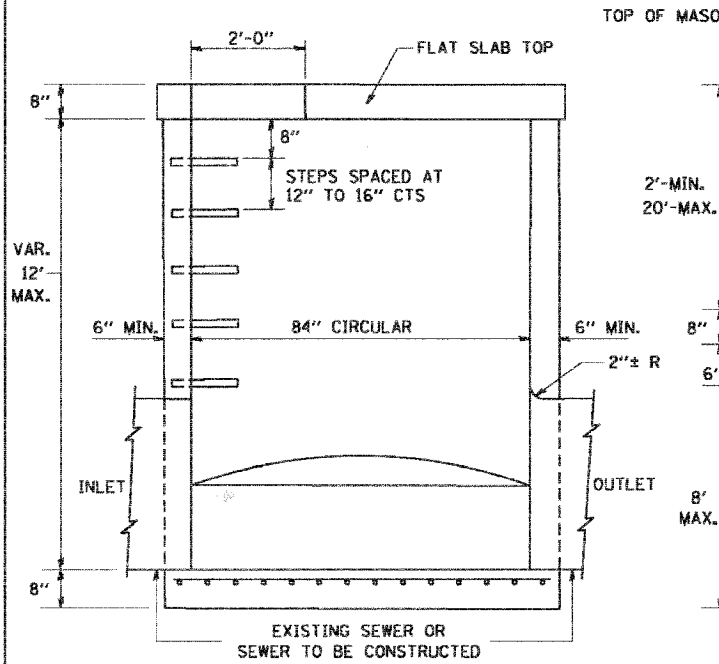
PRECAST FLAT SLAB TOP SHALL CONFORM TO ARTICLES 505.01 THRU 505.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS. REINFORCEMENT BARS AND WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.10. ONLY GRADE 60 REINFORCEMENT BARS WILL BE PERMITTED.

BOTTOM SLAB SHALL BE REINFORCED BY EITHER REINFORCEMENT BARS OR WELDED WIRE FABRIC. THE MINIMUM REINFORCEMENT SHALL BE 0.46 SQUARE INCH PER LINEAR FOOT IN BOTH DIRECTIONS.

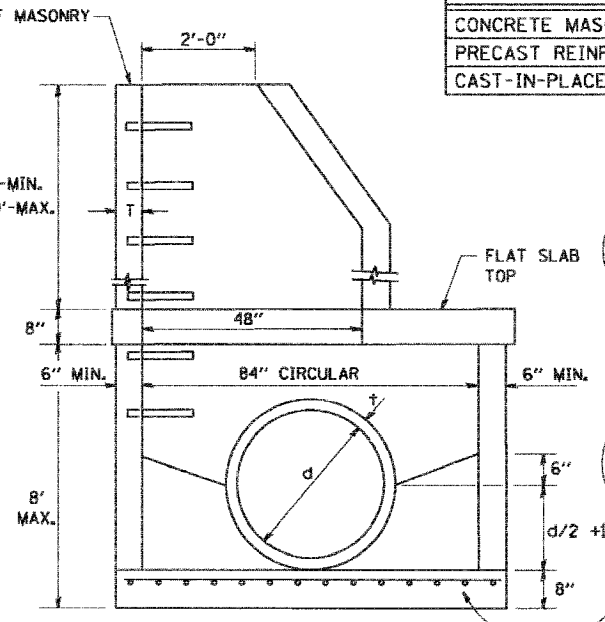
JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.

LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.

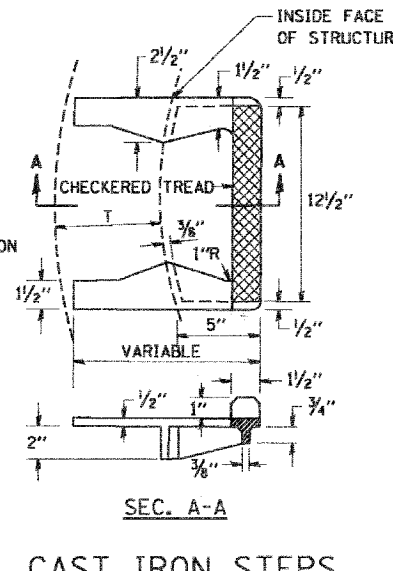
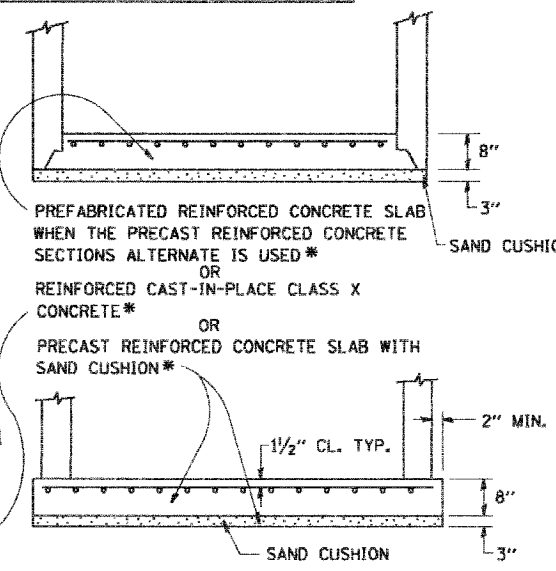
ALTERNATE MATERIALS FOR RISERS	T (MIN.)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"



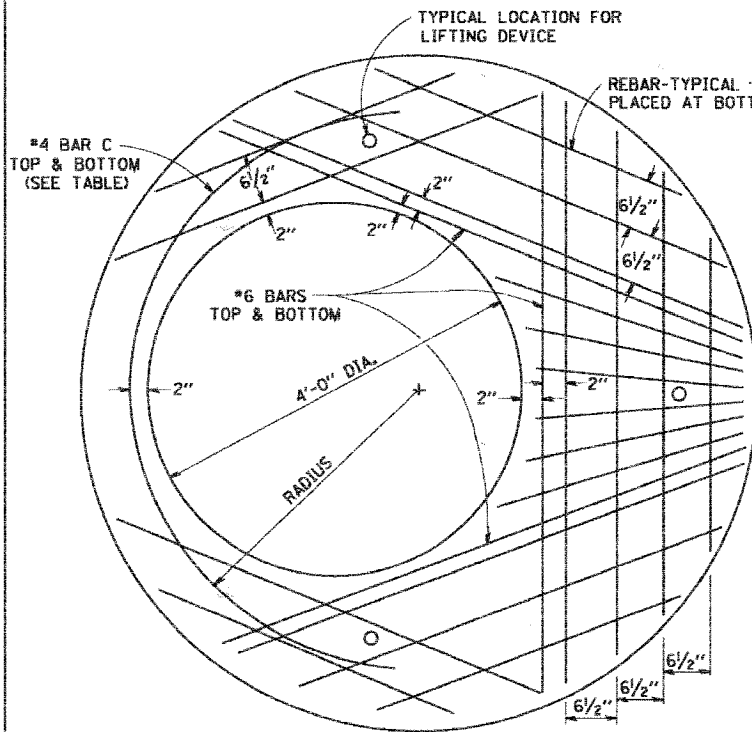
ELEVATION



ELEVATION

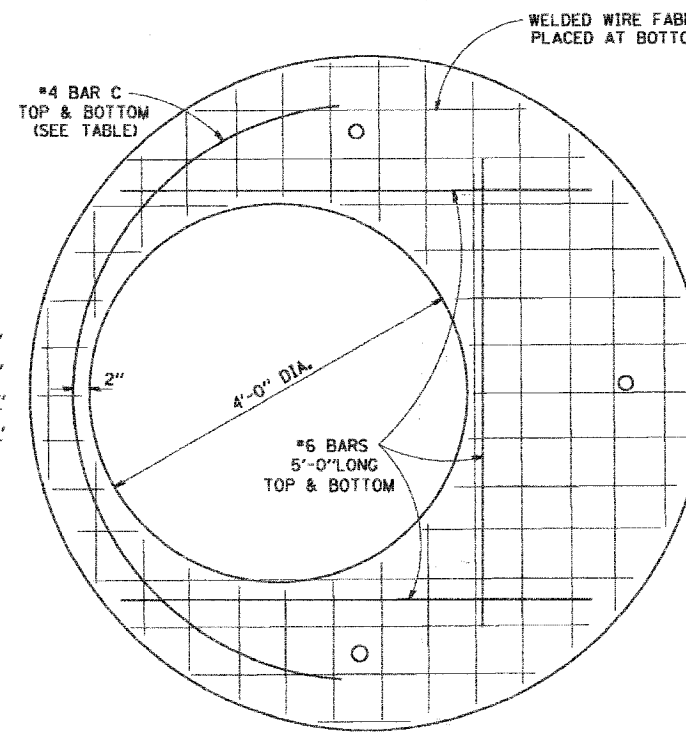
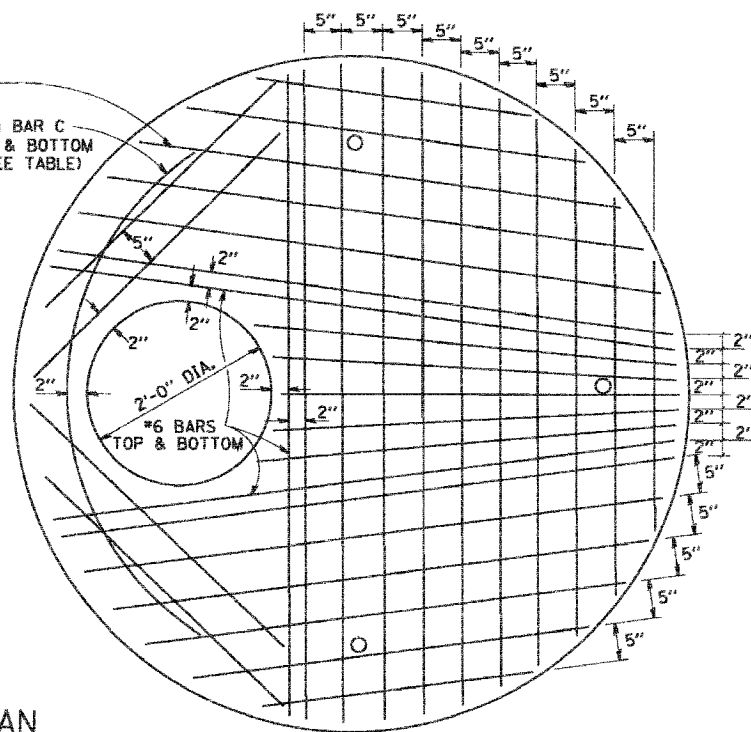


CAST IRON STEPS



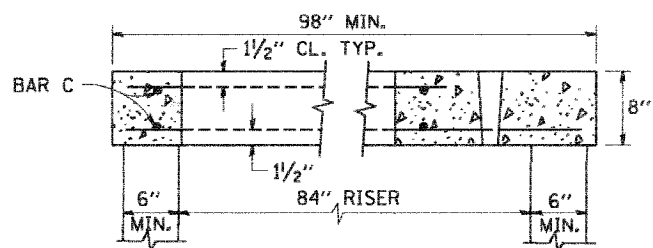
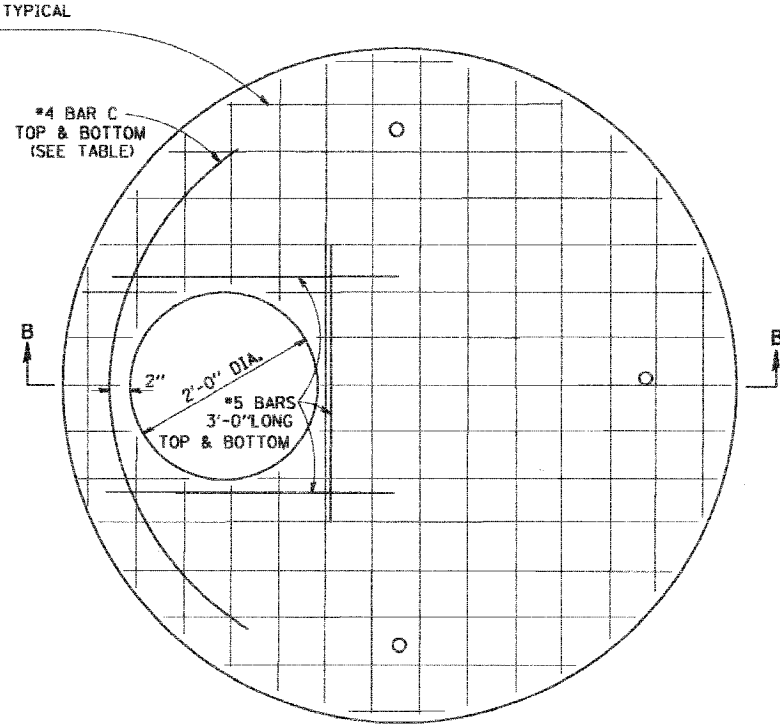
PLAN

SHOWING REBAR REINFORCEMENT



PLAN

SHOWING WELDED WIRE FABRIC REINFORCEMENT



SECTION B-B

TABLE

DIAMETER OF OPENING	REINFORCEMENT "A _C " WWF OR BAR SIZE EACH DIRECTION	BAR SIZE	BAR C		
			SIZE	LENGTH	RADIUS
2'-0"	1.06 SQ.IN./LIN.FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SQ.IN./LIN.FT.	#6	#4	9'-0"	38"

NOTE: THIS STRUCTURE SHOULD BE USED WITH PIPES SIZE 54" DIA. OR SMALLER.

REVISIONS	
NAME	DATE
	10/18/02

ILLINOIS DEPARTMENT OF TRANSPORTATION

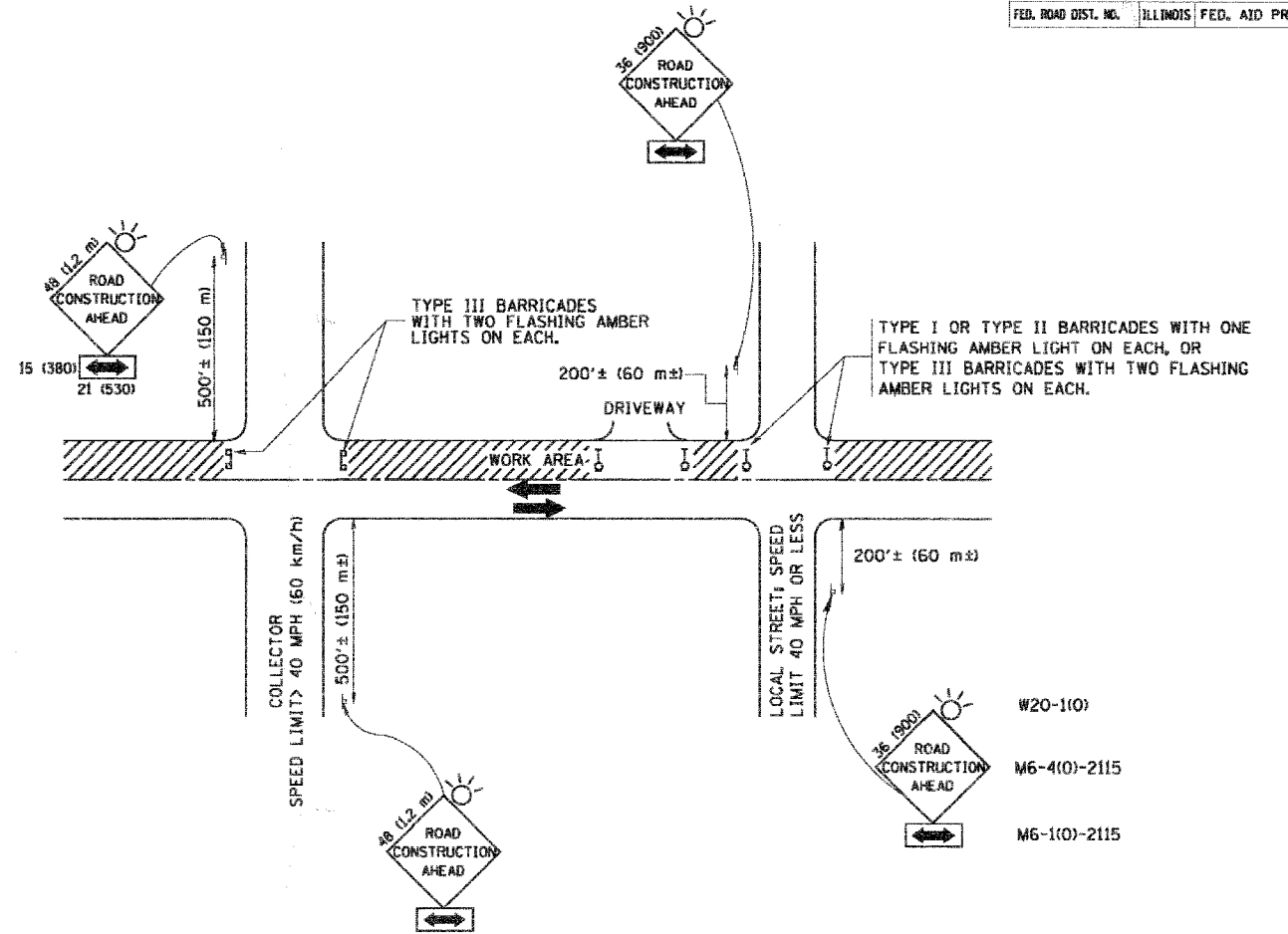
**MANHOLE TYPE A
7 FOOT DIAMETER**

SCALE: VERT. NONE
HORIZ. NONE

DRAWN BY

CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS**

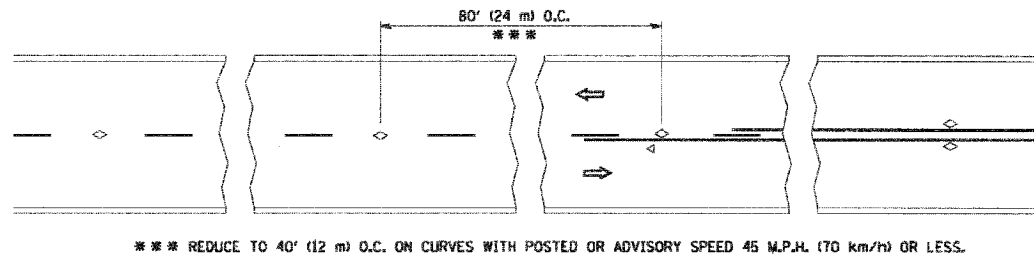
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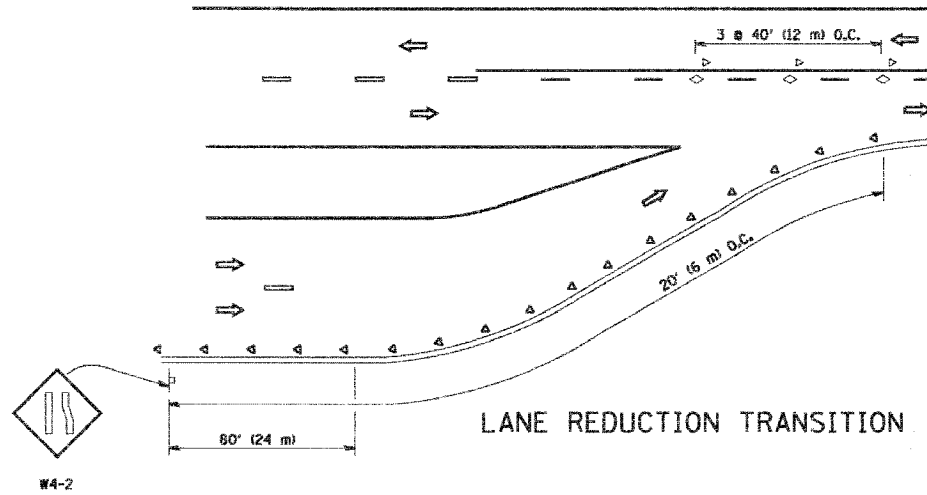
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TC-10

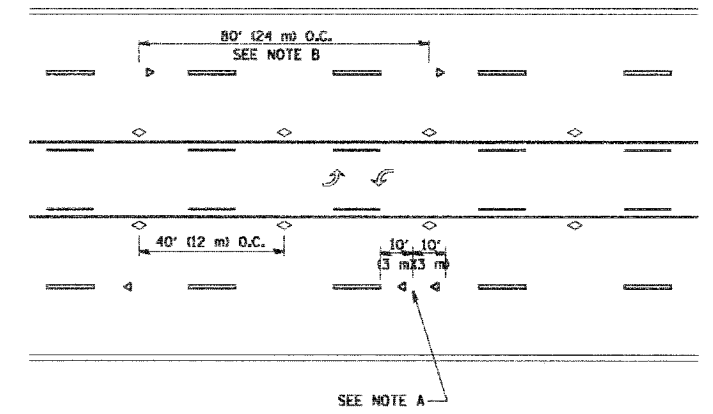
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



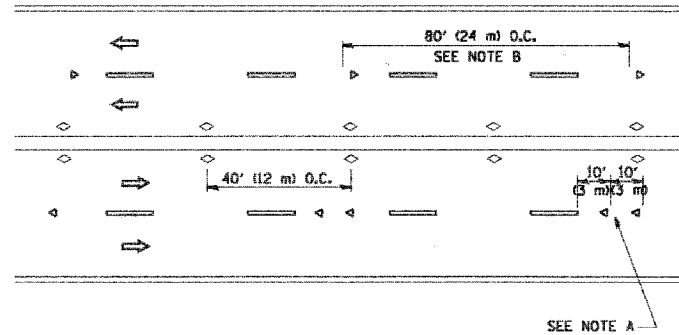
TWO-LANE/TWO-WAY



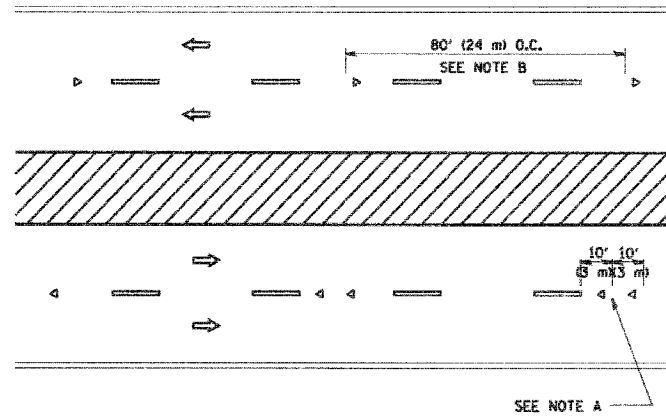
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

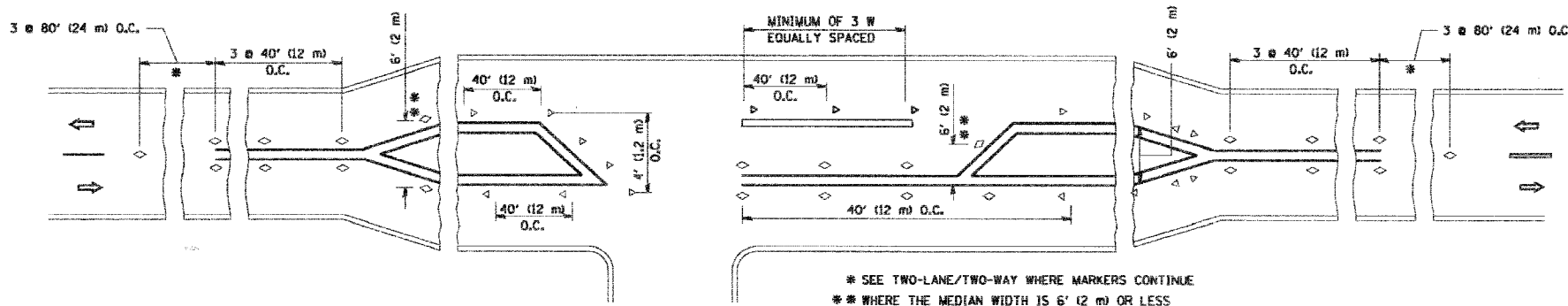
- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/D)
- ◇ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

- * SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

All dimensions are in inches (millimeters) unless otherwise shown.

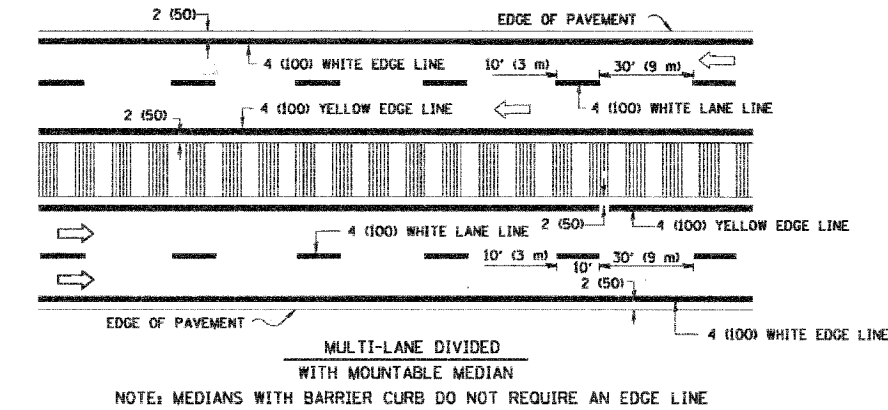
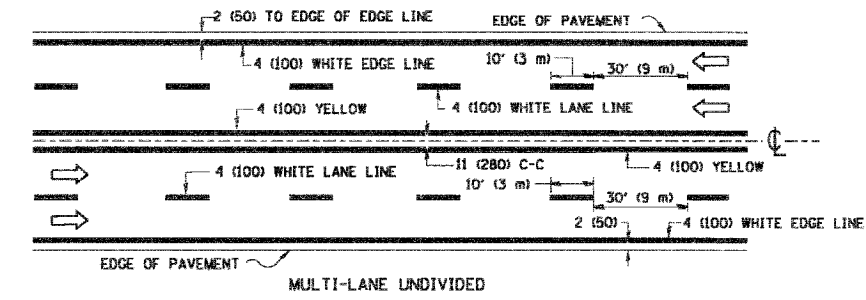
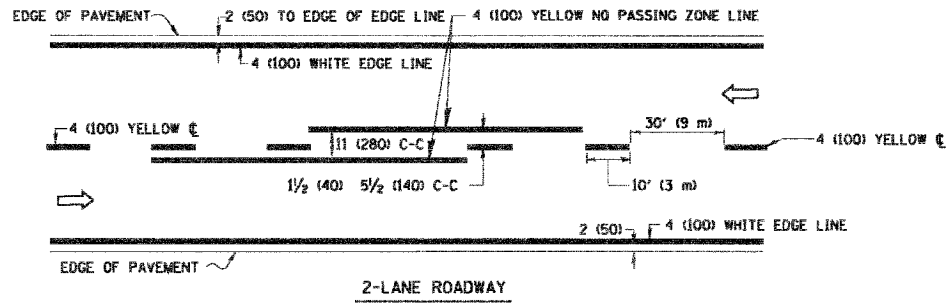
REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-98
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT
 MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE

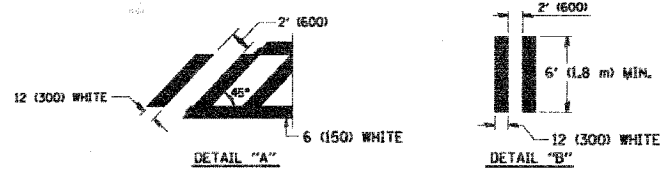
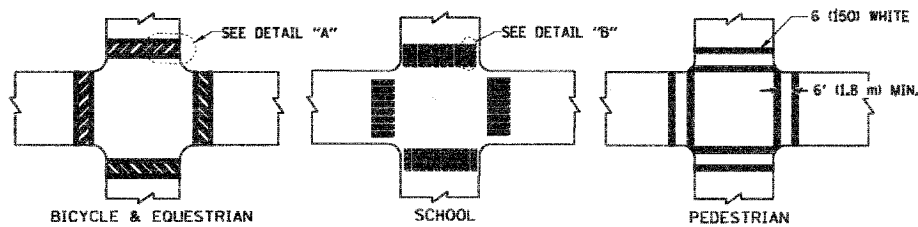
DRAWN BY CADD
 CHECKED BY
 TC-11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D4-00046-00-WR	KANE	60	59
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

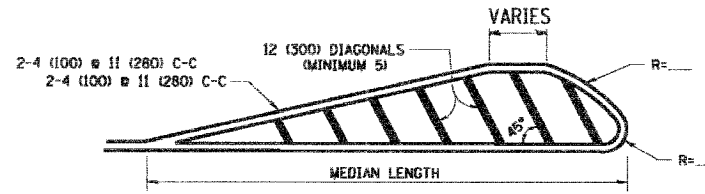
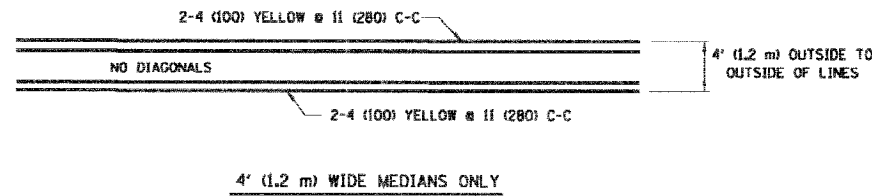


TYPICAL LANE AND EDGE LINE MARKING

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

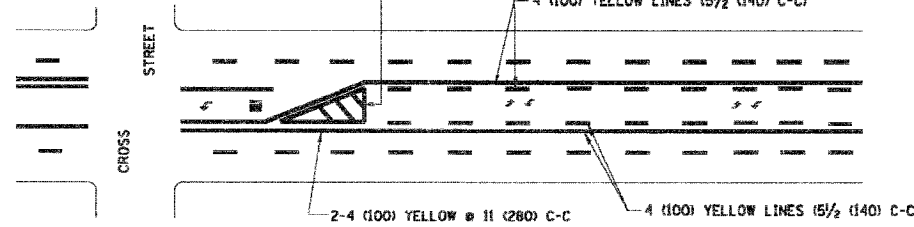


TYPICAL CROSSWALK MARKING



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

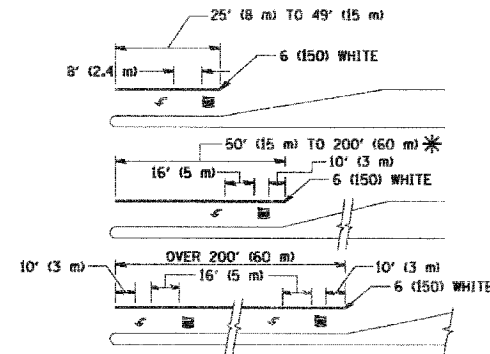


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

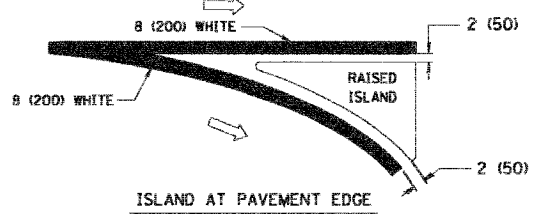
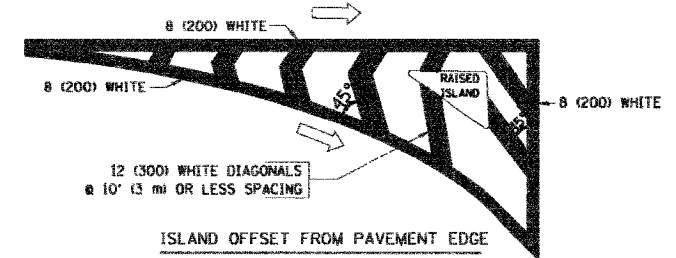
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS 18' (2.4m)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

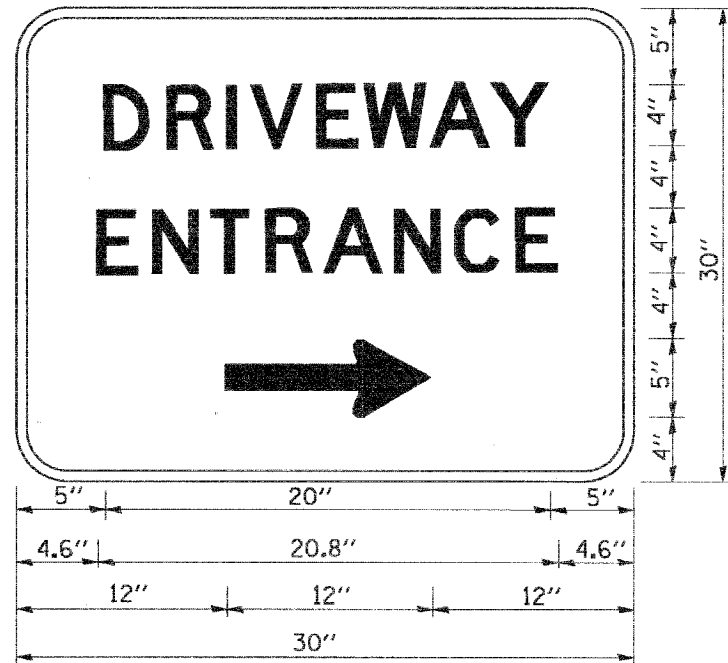
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-98
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-WR	KANE	60	60
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

REVISIONS	
NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DRIVEWAY ENTRANCE
SIGNING**

SCALE: NONE
DATE

DRAWN BY R.H.
CHECKED BY